

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/08/2022 SEQUENCE NAME 08Nov22

### EQUIPMENT

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

### INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 0.99985  
 Vial 3 0.20 calibrator Lot FN02052101  
 Vial 4 0.40 calibrator Lot FN03052102

### CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 100722AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.391 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.195 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.078 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.078 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.391 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.198 g/dL	ACQ 4110320133/8
45	Blank	Not detected	Not detected	SPD lab 101921WB

### SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid  Run invalid  Erika Canonico Analyst  
 Run valid  Run invalid  [Signature] Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

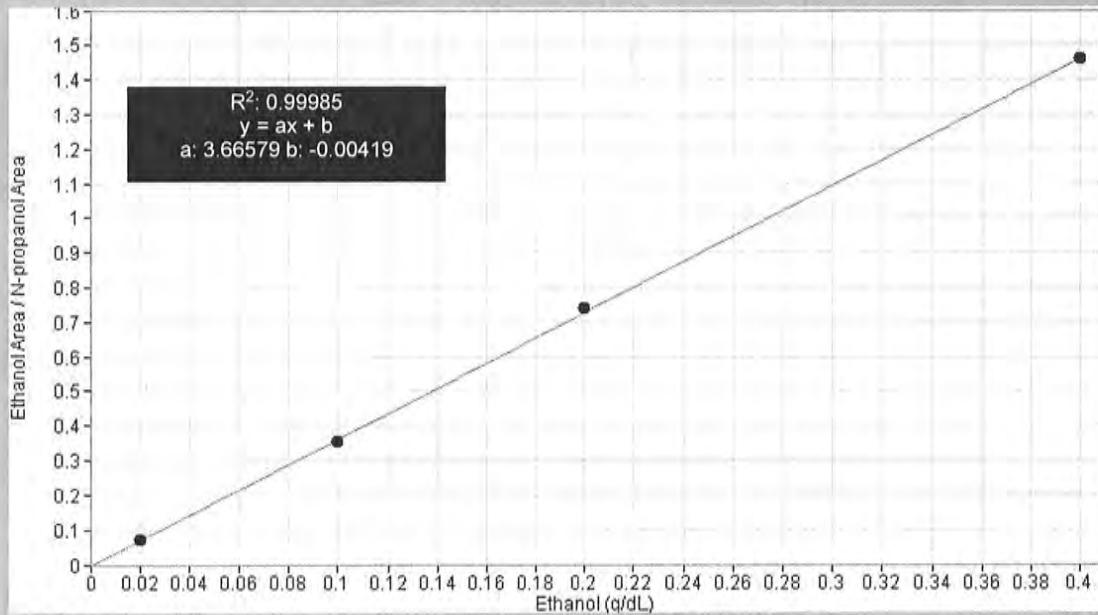
SEQUENCE NAME: 08Nov22

ANALYST: Canonico EC

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100722AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.391	0.400	2.25	-0.009
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/8	9	0.195	0.199	2.01	-0.004
0.080 20012020-B	20	0.078	0.080	2.50	-0.002
0.080 20012020-B	31	0.078	0.080	2.50	-0.002
0.400 11092018-A	42	0.391	0.400	2.25	-0.009
0.040 14082019-B	43	0.039	0.040	2.50	-0.001
0.199 4110320133/8	44	0.198	0.199	0.50	-0.001
blank 101921WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.603	166.737	0.070
0.100	59.642	167.971	0.355
0.200	128.954	174.484	0.739
0.400	249.012	170.686	1.459

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051909	<b>Vial:</b> 1
<b>Description:</b> 0.020 calibrator	<b>Sequence:</b> 08Nov22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/8/2022 11:24:00 AM
<b>Instrument:</b> US14173023 CN14180045	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>
<b>Data file:</b> C:\Chem32\1\Data\08Nov22\1.D	

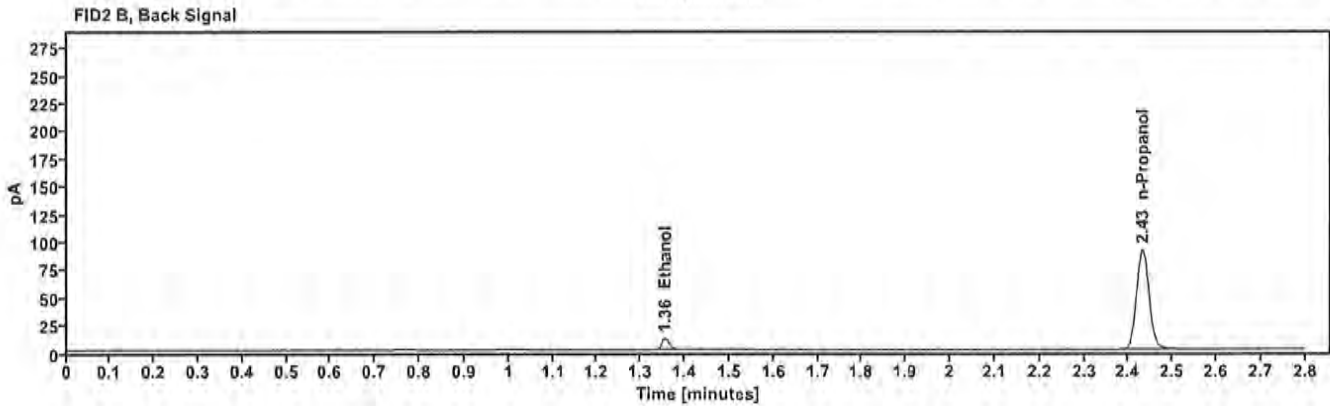
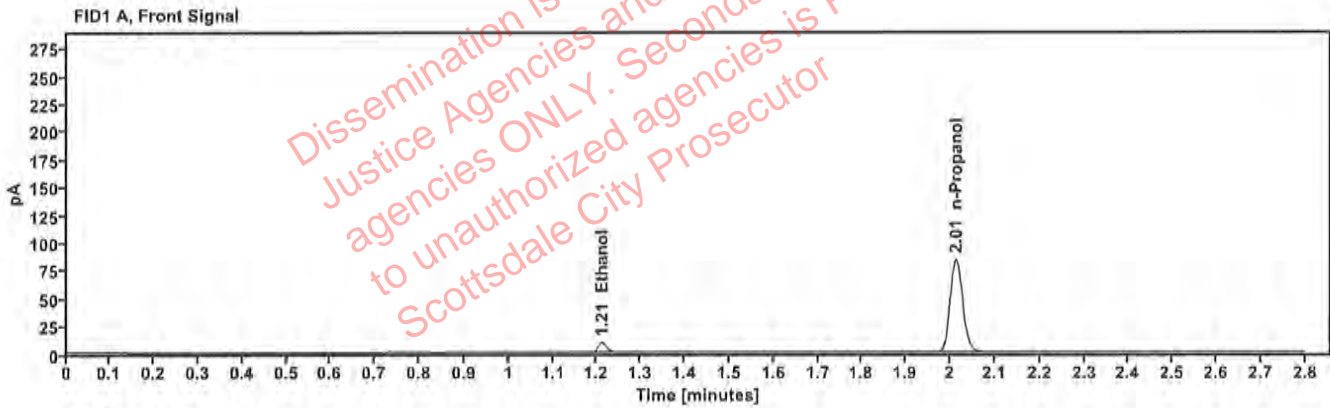


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.603
n-Propanol	2.013	166.737

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	12.449
n-Propanol	2.431	180.243

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN05311902	<b>Vial:</b>	2
<b>Description:</b>	0.100 calibrator	<b>Sequence:</b>	08Nov22
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	11/8/2022 11:28:00 AM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">82</span>
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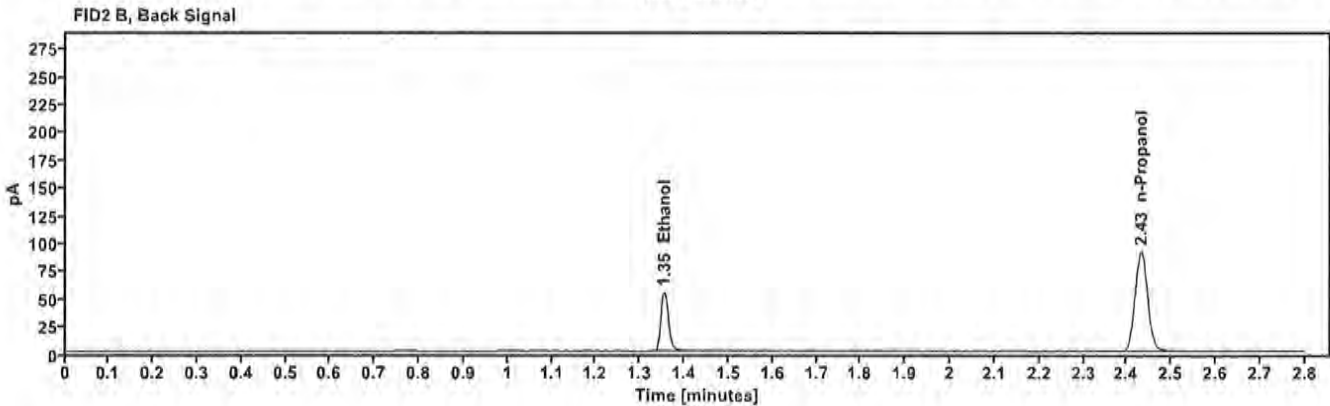
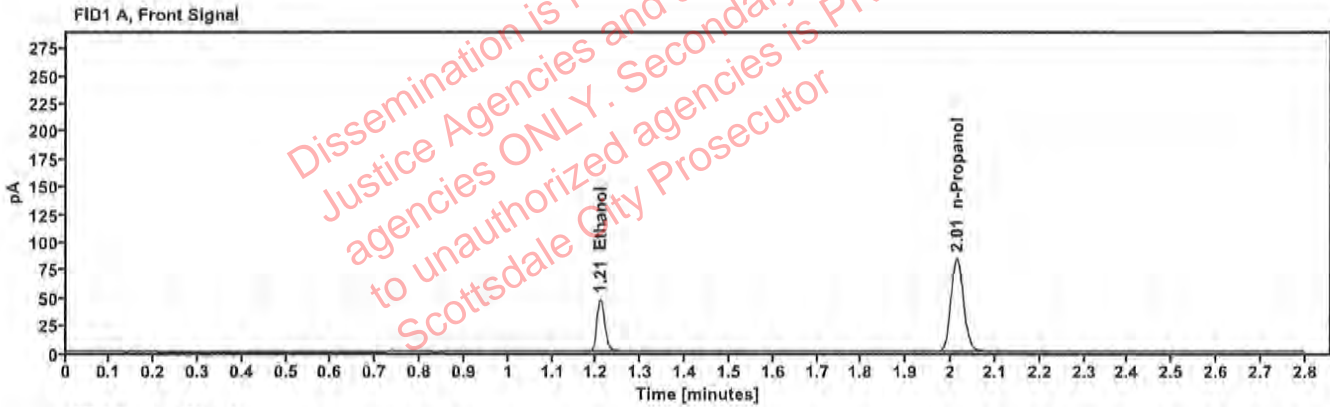


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.642
n-Propanol	2.013	167.971

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	64.879
n-Propanol	2.432	181.214

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN02052101	<b>Vial:</b>	3
<b>Description:</b>	0.200 calibrator	<b>Sequence:</b>	08Nov22
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	11/8/2022 11:31:59 AM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">EC</span>
<b>Data file:</b>	C:\Chem32\1\Data\08Nov22\3.D		

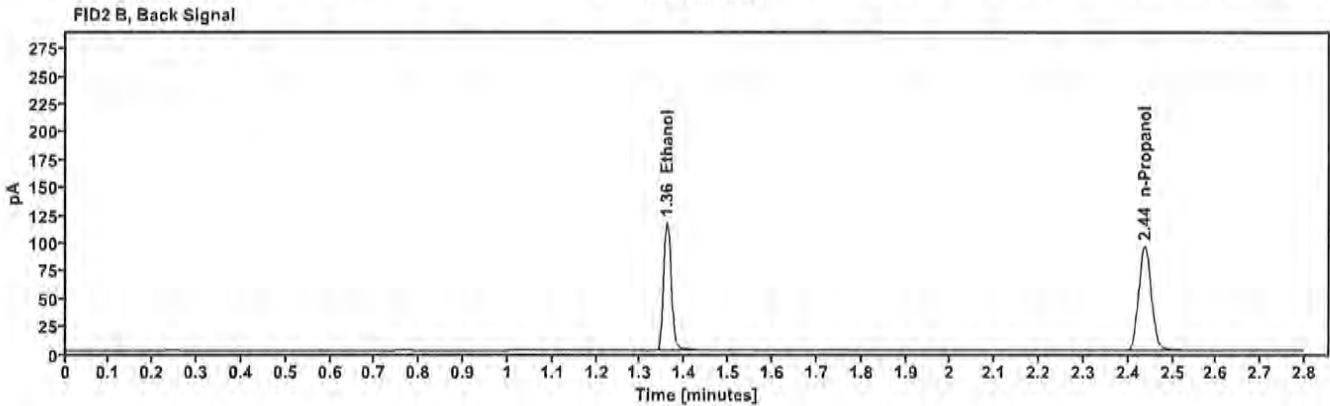
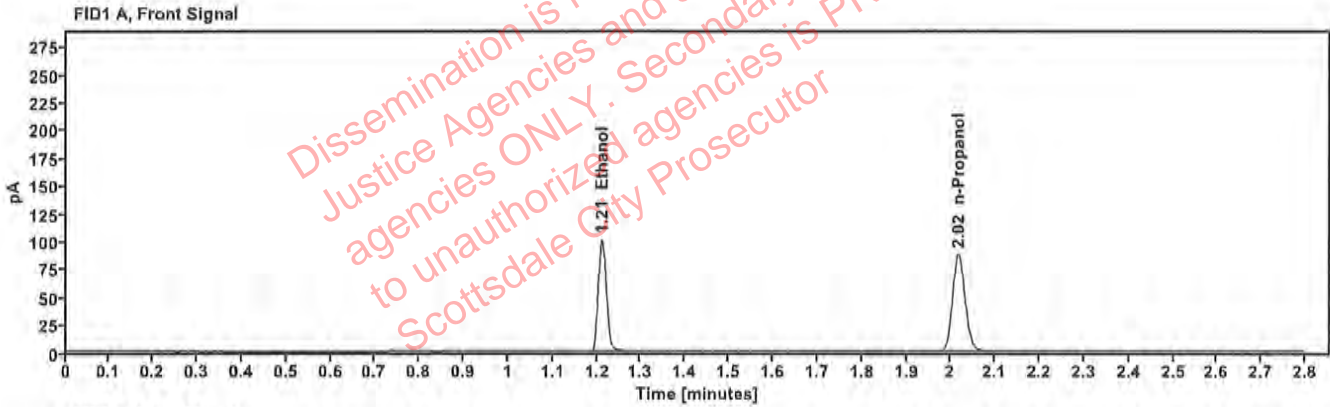


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	128.954
n-Propanol	2.017	174.484

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	141.196
n-Propanol	2.437	188.133

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN03052102	<b>Vial:</b>	4
<b>Description:</b>	0.400 calibrator	<b>Sequence:</b>	08Nov22
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	11/8/2022 11:35:59 AM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">EC</span>
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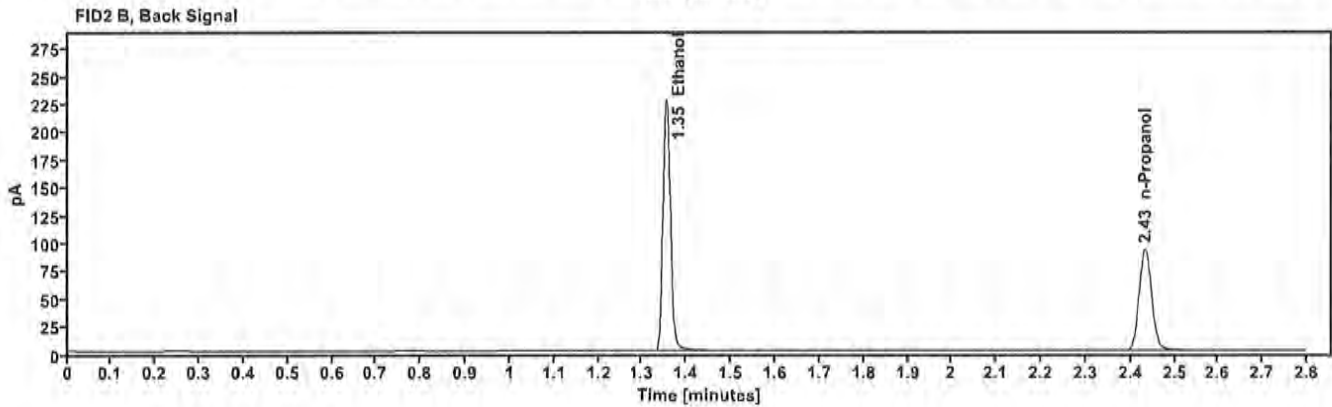
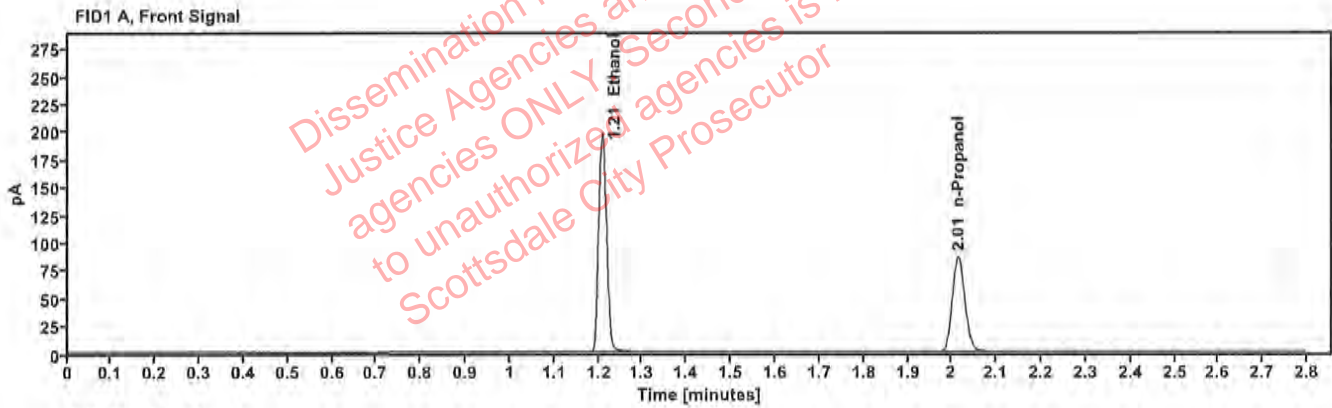


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	249.012
n-Propanol	2.014	170.686

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	273.240
n-Propanol	2.433	183.979

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 100722AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 08Nov22
Instrument: US14173023 CN14160045	Injection date: 11/8/2022 11:40:00 AM
Data file: C:\Chem32\1\Data\08Nov22\5.D	Analyst: Canonico <i>ec</i>

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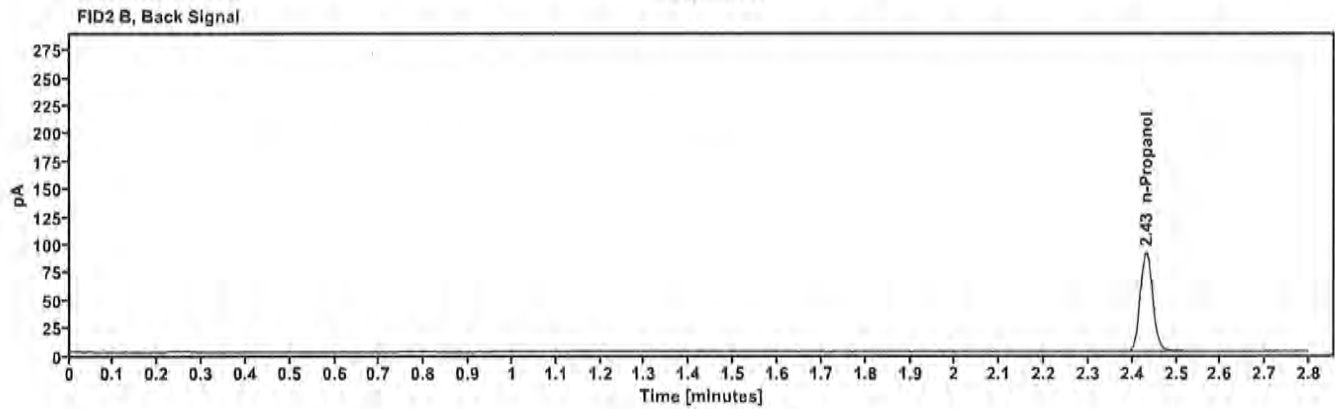
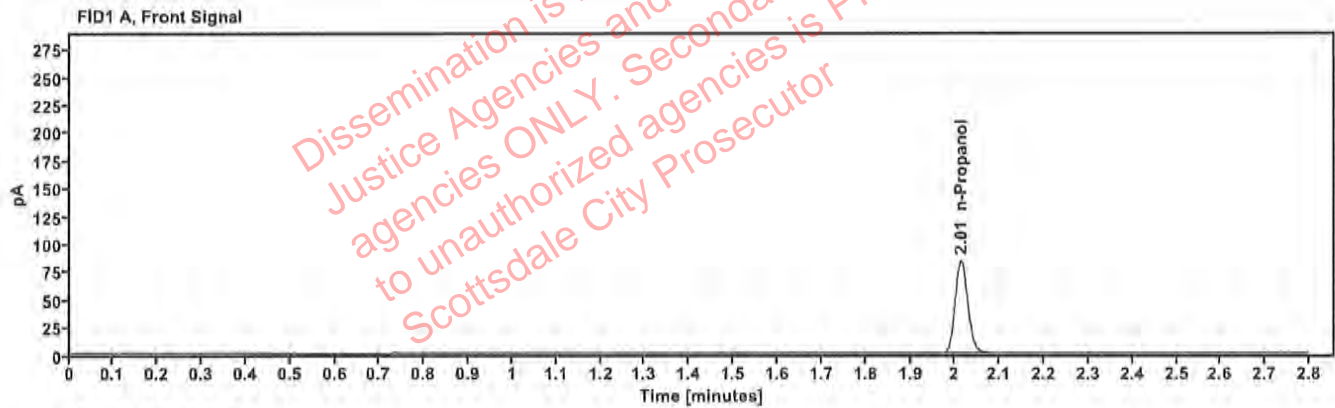


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.013	166.348

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.432	179.627

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 08Nov22
Instrument: US14173023 CN14160045	Injection date: 11/8/2022 11:43:59 AM
Data file: C:\Chem32\1\Data\08Nov22\6.D	Analyst: Canonico <span style="float: right;">PC</span>

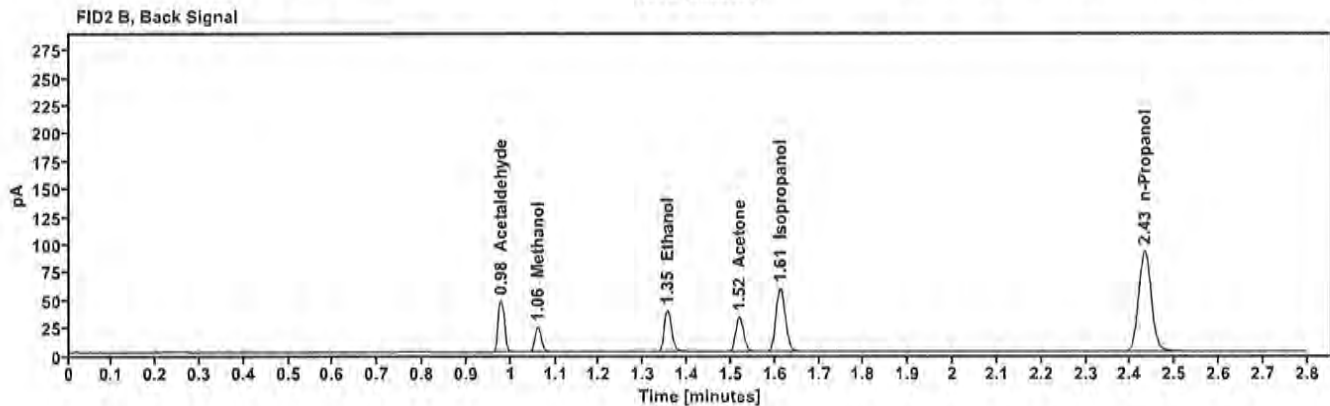
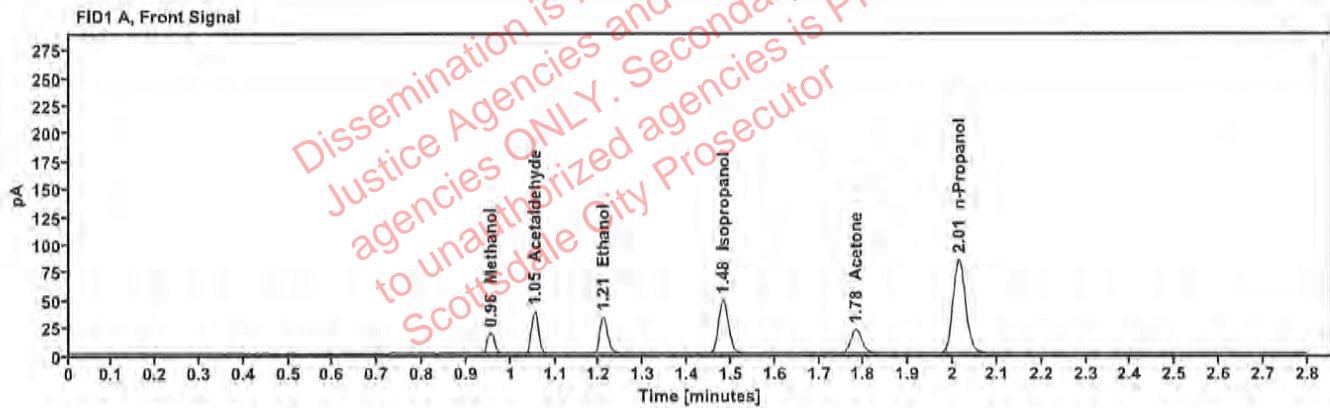


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	21.251
Acetaldehyde	-----	1.054	42.008
>Ethanol	0.0689	1.209	42.030
Isopropanol	-----	1.482	77.041
Acetone	-----	1.782	37.319
n-Propanol	-----	2.013	169.329

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	46.896
Methanol	1.060	23.236
Ethanol	1.354	45.798
Acetone	1.519	41.077
Isopropanol	1.612	85.363
n-Propanol	2.432	182.760



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 7
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 08Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/8/2022 11:48:14 AM
<b>Data file:</b> C:\Chem32\11\Data\08Nov22\17.D	<b>Analyst:</b> Canonico <i>cc</i>

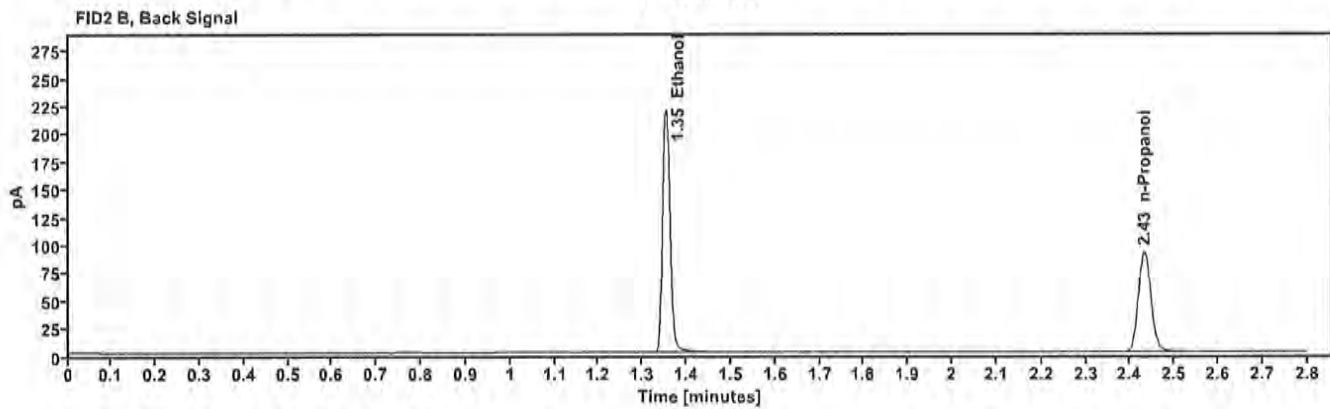
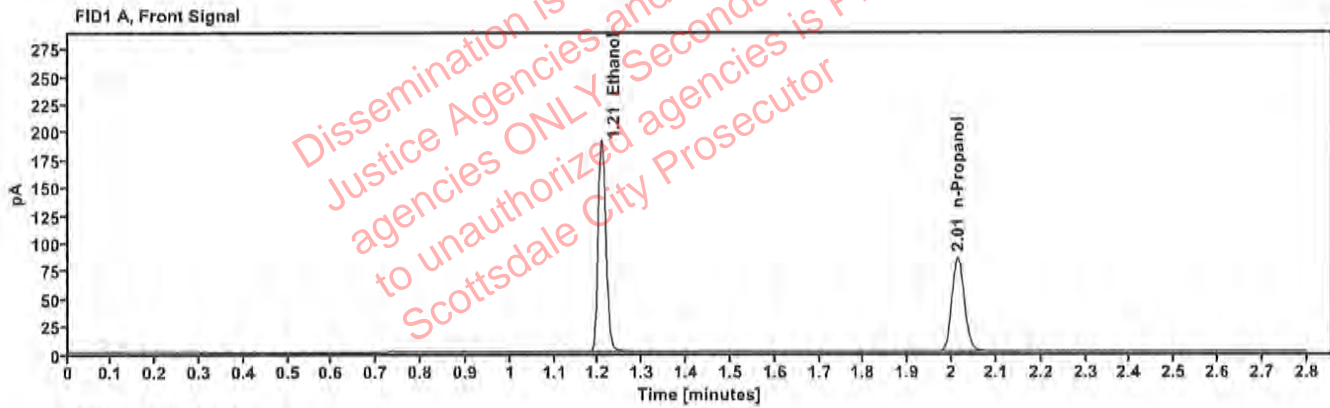


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3910	1.207	241.251
n-Propanol	-----	2.013	168.797

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	264.979
n-Propanol	2.432	182.350

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 08Nov22
Instrument: US14173023 CN14160045	Injection date: 11/8/2022 11:52:14 AM
Data file: C:\Chem32\1\Data\08Nov22\8.D	Analyst: Canonico <i>EC</i>

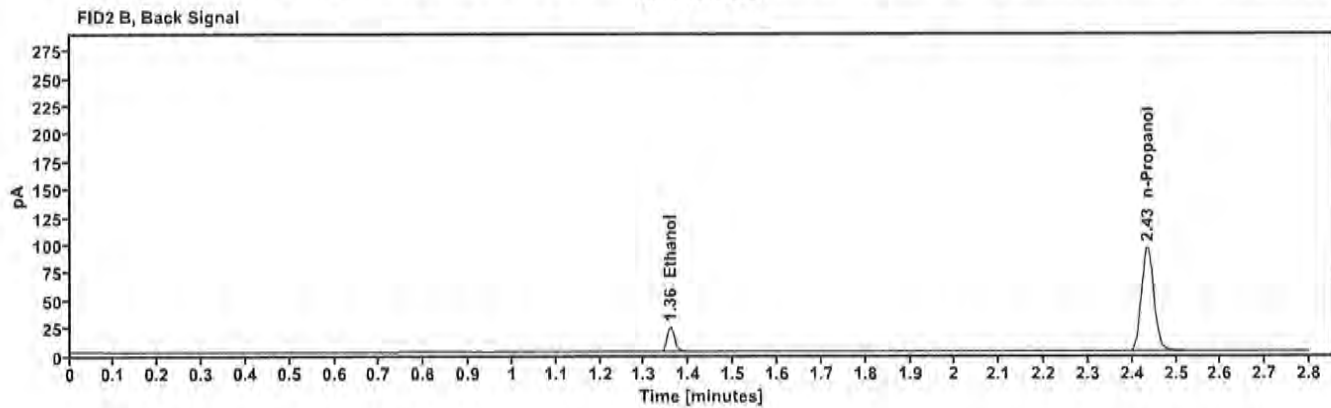
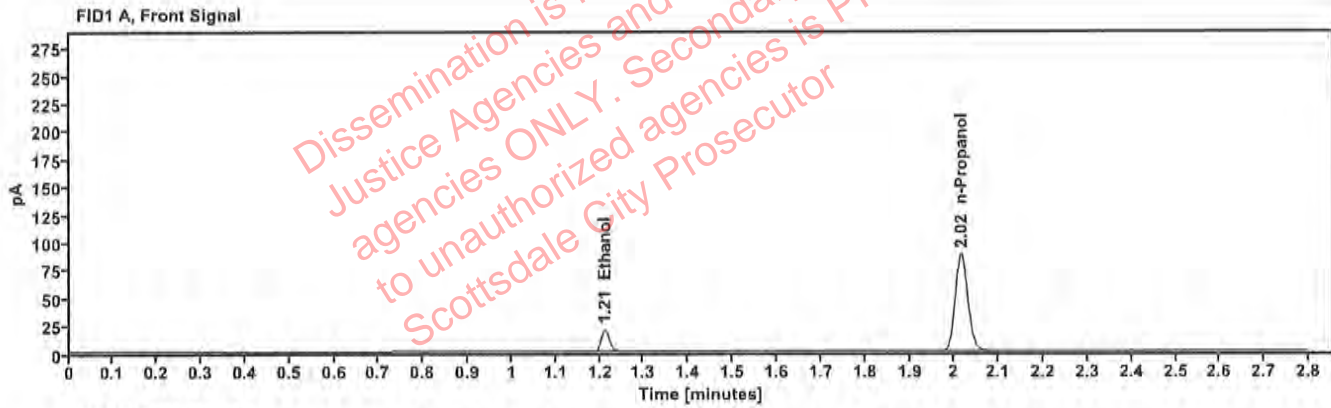


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.211	25.372
n-Propanol	-----	2.015	174.113

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	27.516
n-Propanol	2.435	188.143

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/8	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 08Nov22
Instrument: US14173023 CN14160045	Injection date: 11/8/2022 11:56:14 AM
Data file: C:\Chem32\1\Data\08Nov22\9.D	Analyst: Canonico <i>EC</i>

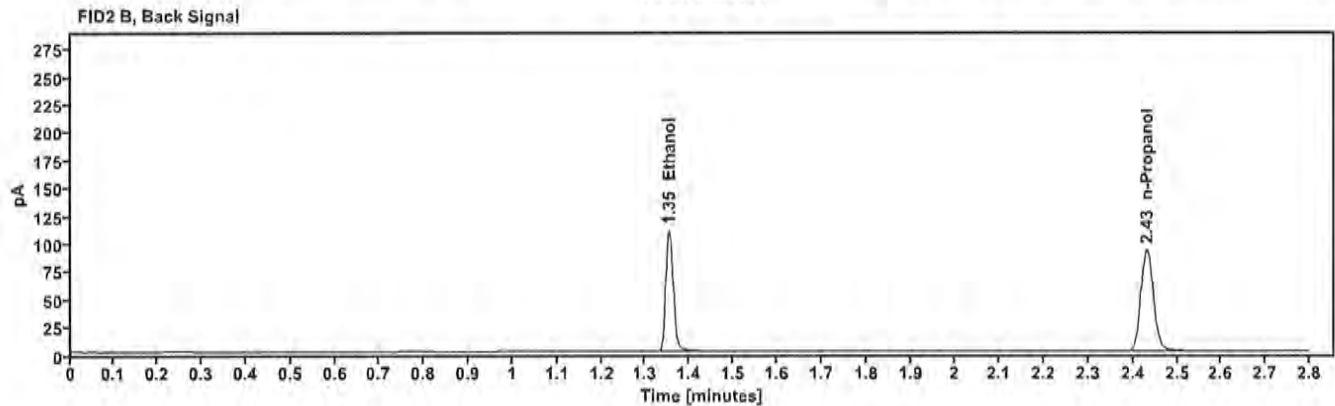
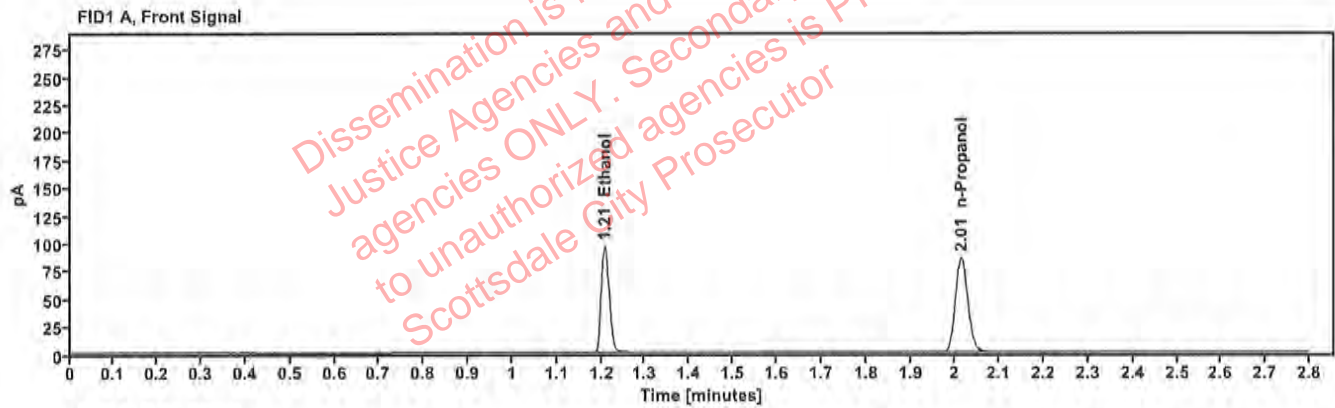


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1952	1.208	121.264
n-Propanol	-----	2.013	170.489

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	133.101
n-Propanol	2.432	184.344

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 20012020-B	<b>Vial:</b> 20
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 08Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/8/2022 12:40:44 PM
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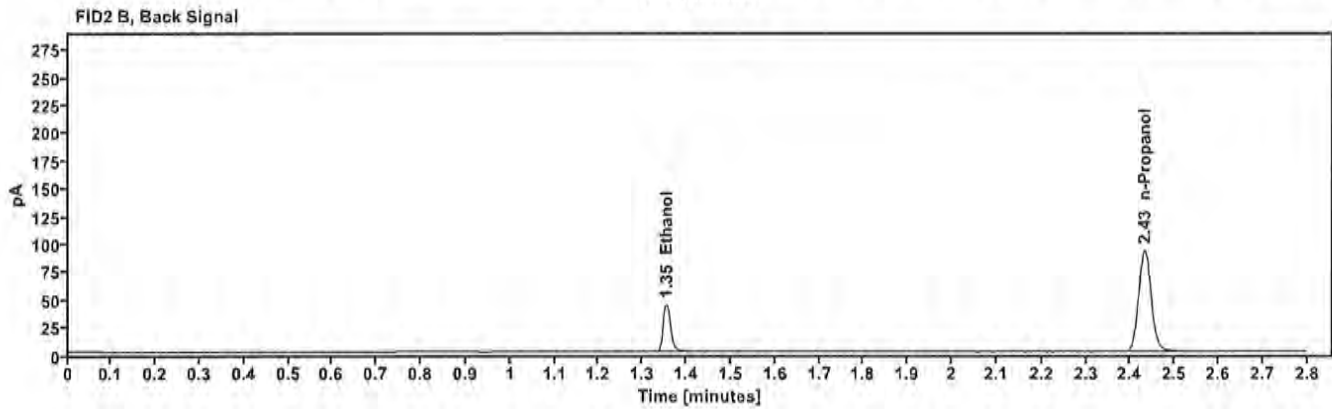
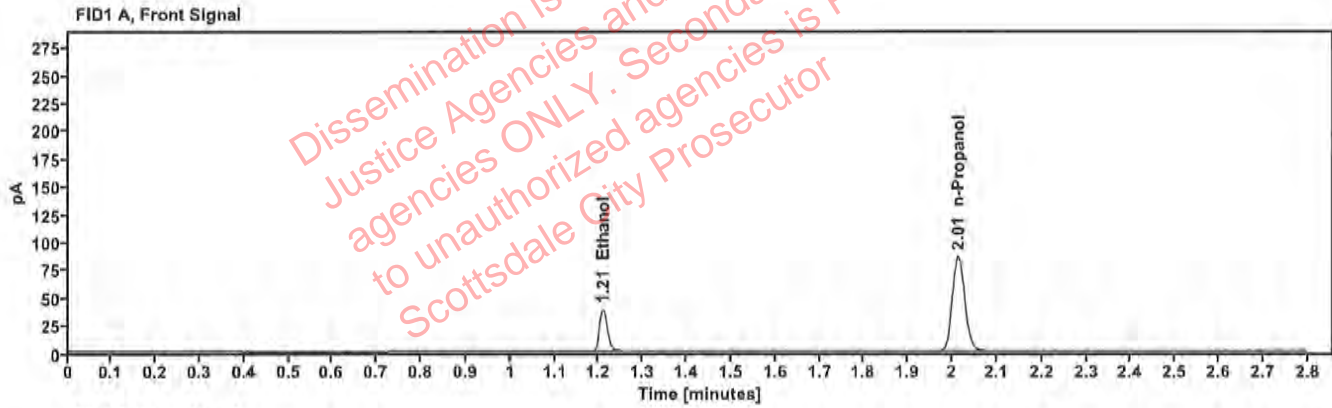


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0784	1.209	48.429
n-Propanol	-----	2.013	170.907

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	52.717
n-Propanol	2.432	184.915

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:25:14 PM
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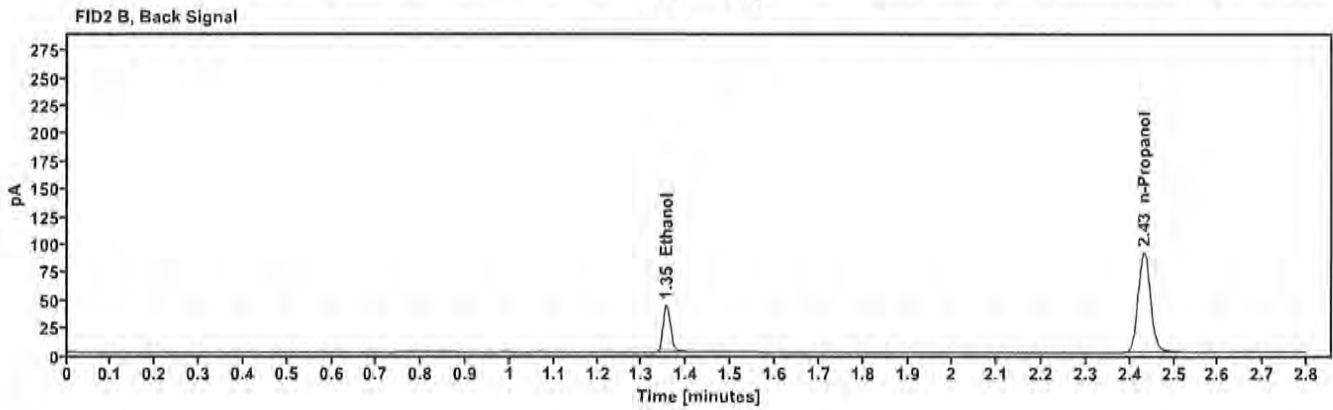
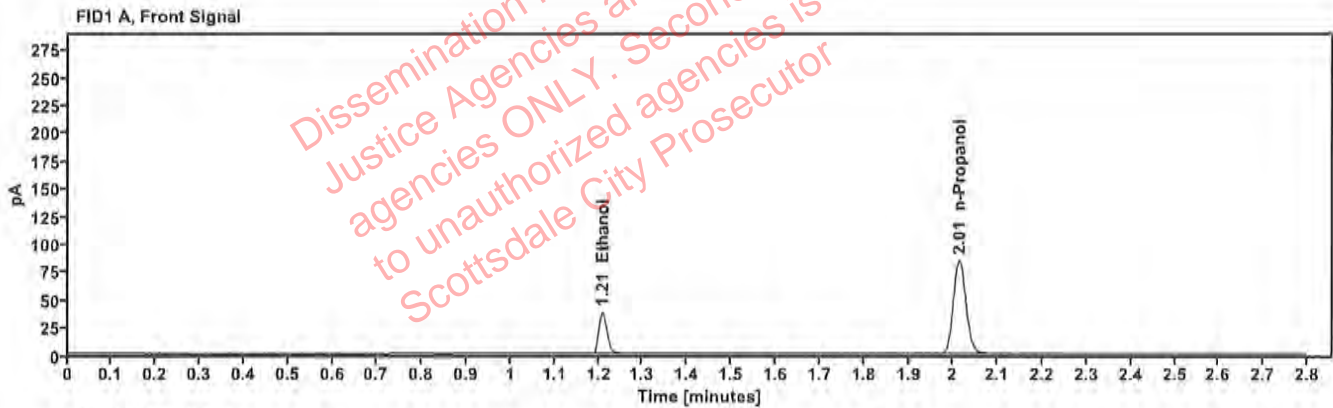


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0788	1.209	47.659
n-Propanol	—	2.013	167.508

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	51.790
n-Propanol	2.432	181.424

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 42
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 08Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/8/2022 2:09:30 PM
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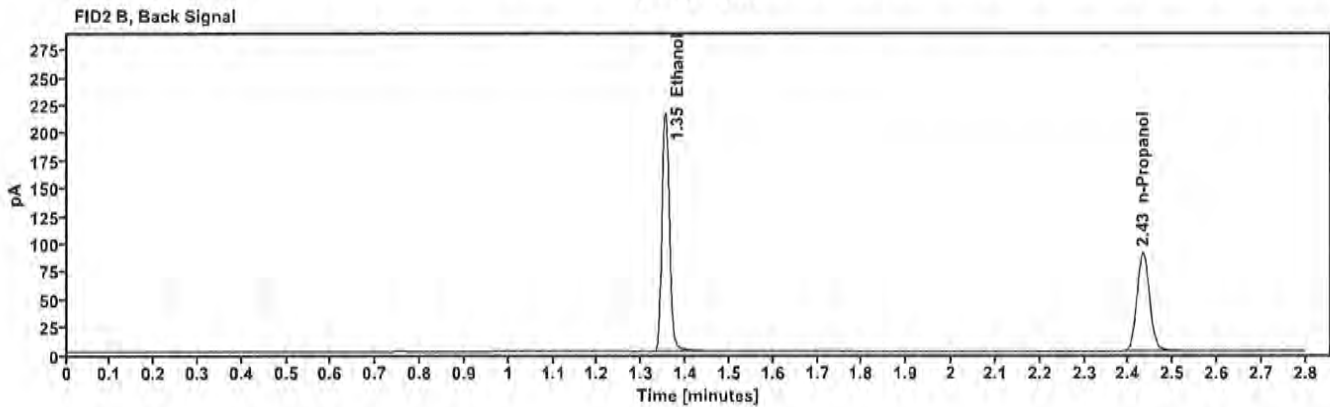
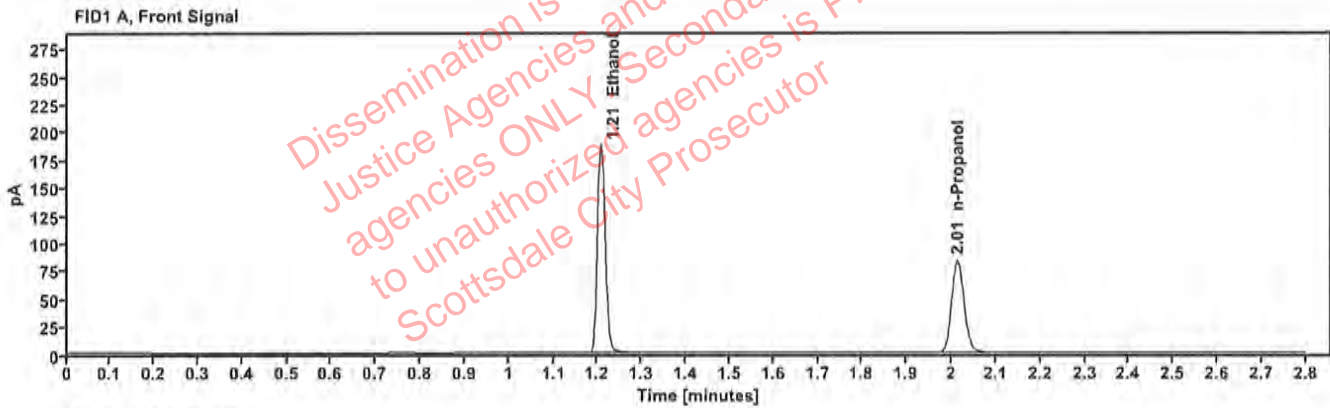


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3911	1.207	236.618
n-Propanol	---	2.013	165.505

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	260.380
n-Propanol	2.431	179.129

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 2:13:44 PM
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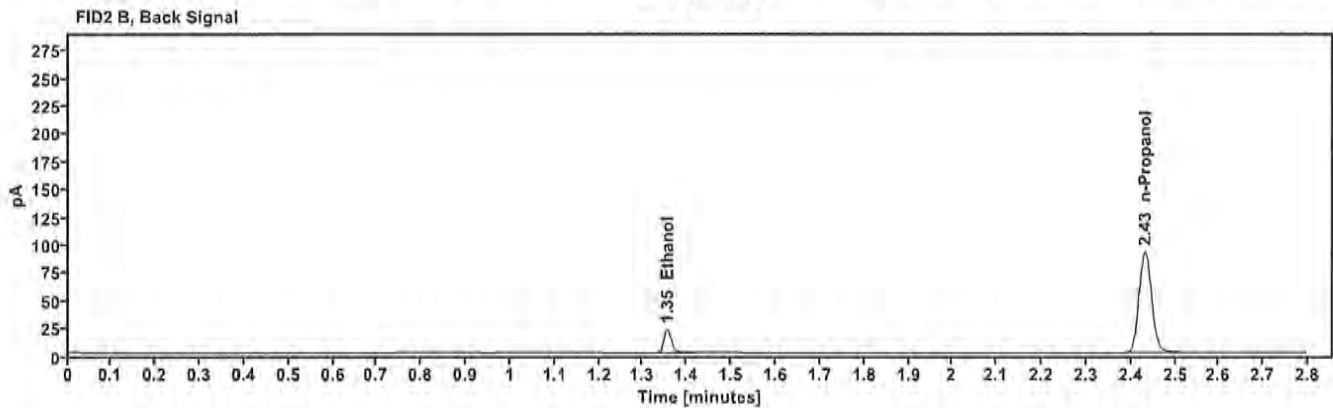
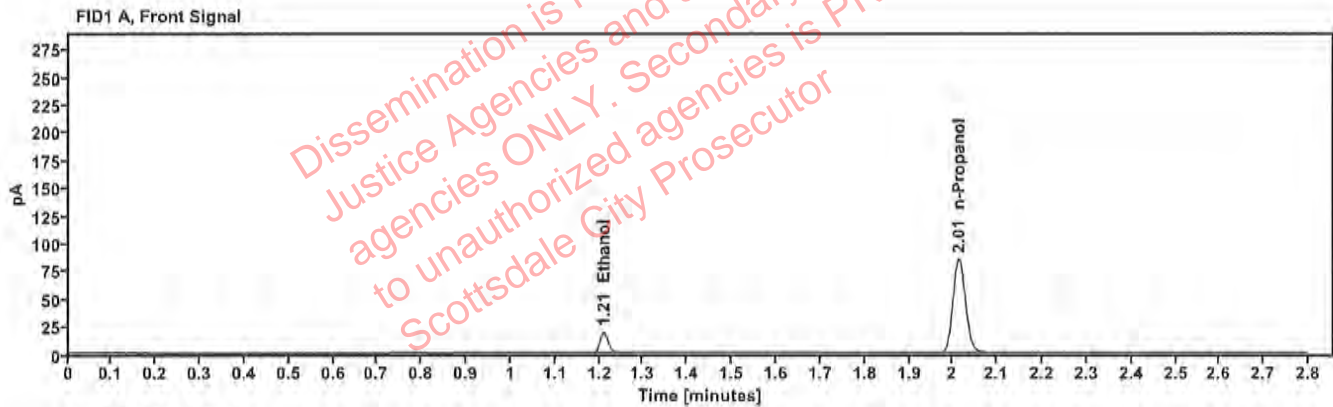


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.210	24.057
n-Propanol	—	2.013	169.362

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	26.157
n-Propanol	2.432	183.536

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	44
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 2:17:44 PM
Data file:	C:\Chem32\1\Data\08Nov22\44.D	Analyst:	Canonico <i>EC</i>

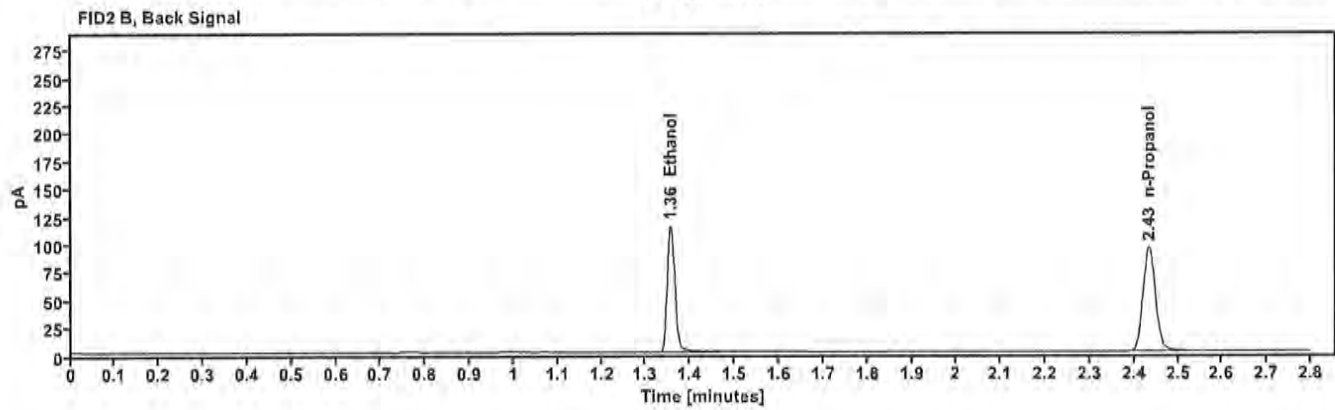
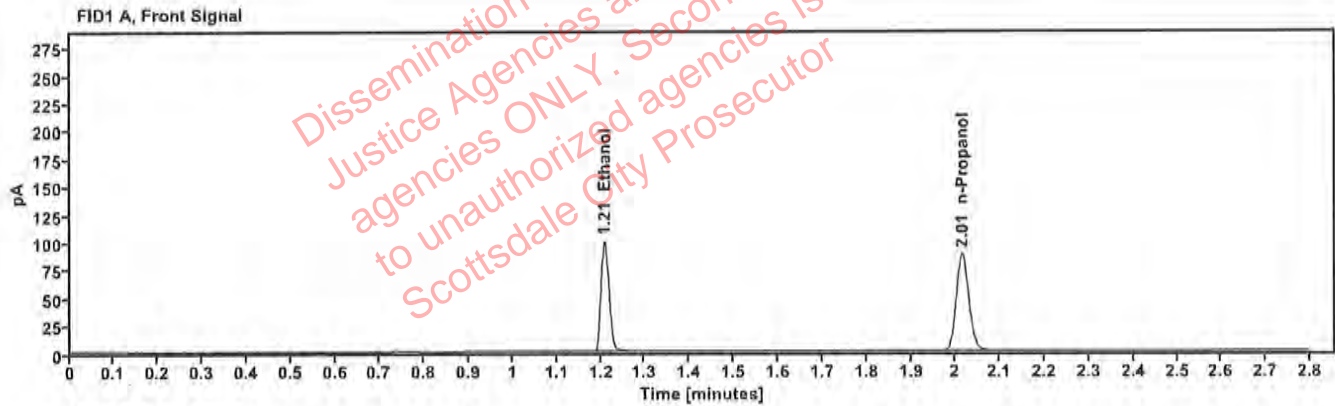


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1985	1.209	126.161
n-Propanol	—	2.015	174.360

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	138.705
n-Propanol	2.434	188.932



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 101921WB	<b>Vial:</b> 45
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 08Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/8/2022 2:21:45 PM
<b>Data file:</b> C:\Chem32\1\Data\08Nov22\45.D	<b>Analyst:</b> Canonico <i>CC</i>

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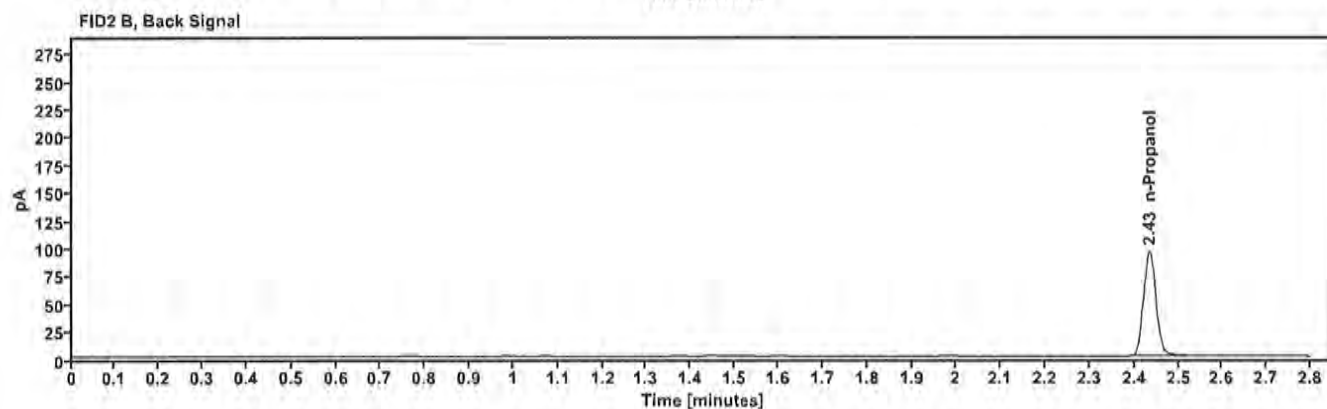
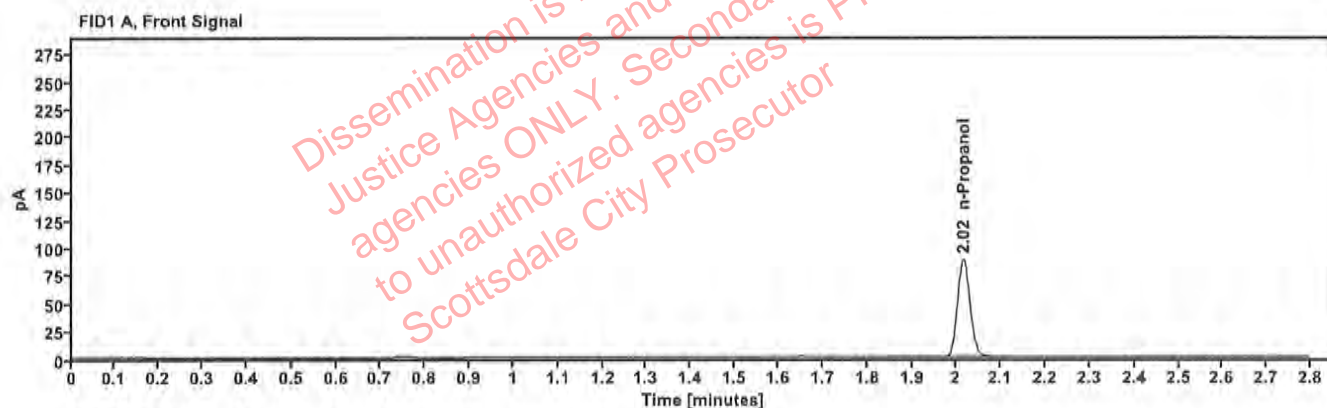


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.015	175.178

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.435	189.993

# Sequence Summary

Sequence name: 08Nov22      Instrument: US14173023 CN14160045      Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	100722AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/8	0.199	Control		ethanol quant.M
10	1442648		Sample		ethanol quant.M
11	1442648		Sample		ethanol quant.M
12	1442656		Sample		ethanol quant.M
13	1442656		Sample		ethanol quant.M
14	1442940		Sample		ethanol quant.M
15	1442940		Sample		ethanol quant.M
16	1442904		Sample		ethanol quant.M
17	1442904		Sample		ethanol quant.M
18	1442894		Sample		ethanol quant.M
19	1442894		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1442882		Sample		ethanol quant.M
22	1442882		Sample		ethanol quant.M
23	1442983		Sample		ethanol quant.M
24	1442983		Sample		ethanol quant.M
25	1442782		Sample		ethanol quant.M
26	1442782		Sample		ethanol quant.M
27	1442791		Sample		ethanol quant.M
28	1442791		Sample		ethanol quant.M
29	1442796		Sample		ethanol quant.M
30	1442796		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1442910		Sample		ethanol quant.M
33	1442910		Sample		ethanol quant.M
34	40501VM		Sample		ethanol quant.M
35	40501VM		Sample		ethanol quant.M
36	33401AH		Sample		ethanol quant.M
37	33401AH		Sample		ethanol quant.M
38	1441978		Sample		ethanol quant.M
39	1441978		Sample		ethanol quant.M
40	2221381-3		Sample		ethanol quant.M
41	2221381-3		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/8	0.199	Control		ethanol quant.M
45	101921WB	Negative	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 08Nov22

ANALYST: Canonico 80

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0000	0.0000	0.00000	0.00	0.00000
12 13	0.2729	0.2728	0.27285	0.02	0.00005
14 15	0.1323	0.1354	0.13385	1.16	0.00155
16 17	0.2035	0.2049	0.20420	0.34	0.00070
18 19	0.1250	0.1253	0.12515	0.12	0.00015
21 22	0.0146	0.0146	0.01460	0.00	0.00000
23 24	0.1057	0.1067	0.10620	0.47	0.00050
25 26	0.2419	0.2383	0.24010	0.75	0.00180
27 28	0.1425	0.1387	0.14060	1.35	0.00190
29 30	0.1536	0.1533	0.15345	0.10	0.00015
32 33	0.0924	0.0911	0.09175	0.71	0.00065
34 35	0.3167	0.3142	0.31545	0.40	0.00125
36 37	0.0995	0.0986	0.09905	0.45	0.00045
38 39	0.2087	0.2086	0.20865	0.02	0.00005
40 41	0.1979	0.1981	0.19800	0.05	0.00010

\*Calculated differences are differences from the mean of the two results.

**Scottsdale Forensic Lab  
Blood Alcohol Pipetting Log**

**ANALYST:** Canonico *el*

**SEQUENCE:** 08Nov22

<b>Instrument Position</b>	<b>Headspace Vial 1</b>	<b>Headspace Vial 2</b>	<b>Blood Tube</b>	<b>Barcode Match</b>
Vials 10 and 11	1442648	1442648	1442648	Yes
Vials 12 and 13	1442656	1442656	1442656	Yes
Vials 14 and 15	1442940	1442940	1442940	Yes
Vials 16 and 17	1442904	1442904	1442904	Yes
Vials 18 and 19	1442894	1442894	1442894	Yes
Vials 21 and 22	1442882	1442882	1442882	Yes
Vials 23 and 24	1442983	1442983	1442983	Yes
Vials 25 and 26	1442782	1442782	1442782	Yes
Vials 27 and 28	1442791	1442791	1442791	Yes
Vials 29 and 30	1442796	1442796	1442796	Yes
Vials 32 and 33	1442910	1442910	1442910	Yes
Vials 34 and 35	40501VM	40501VM	40501VM	Yes
Vials 36 and 37	33401AH	33401AH	33401AH	Yes
Vials 38 and 39	1441978	1441978	1441978	Yes
Vials 40 and 41	2221381-3	2221381-3	2221381-3	Yes

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442648	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:00:14 PM
Data file:	C:\Chem32\1\Data\08Nov22\10.D	Analyst:	Canonico

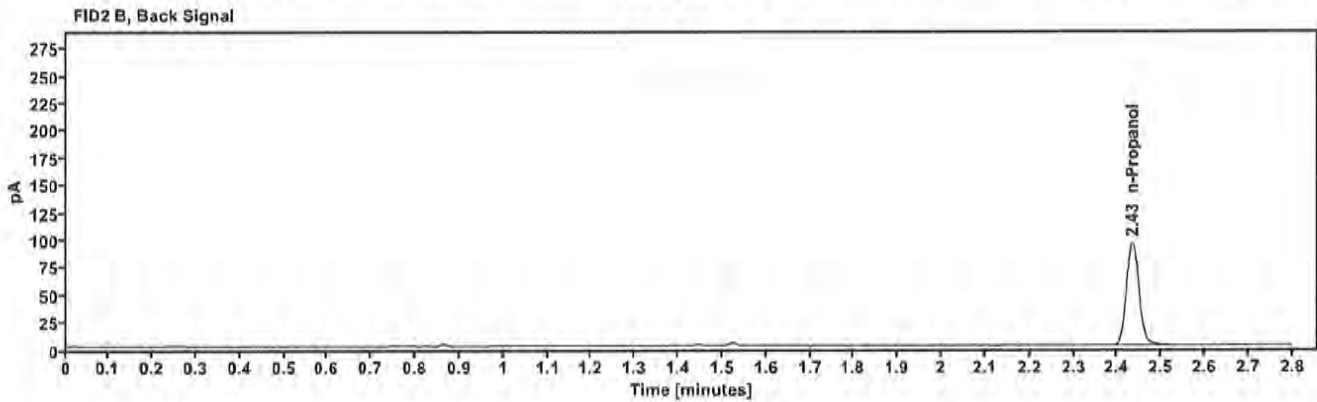
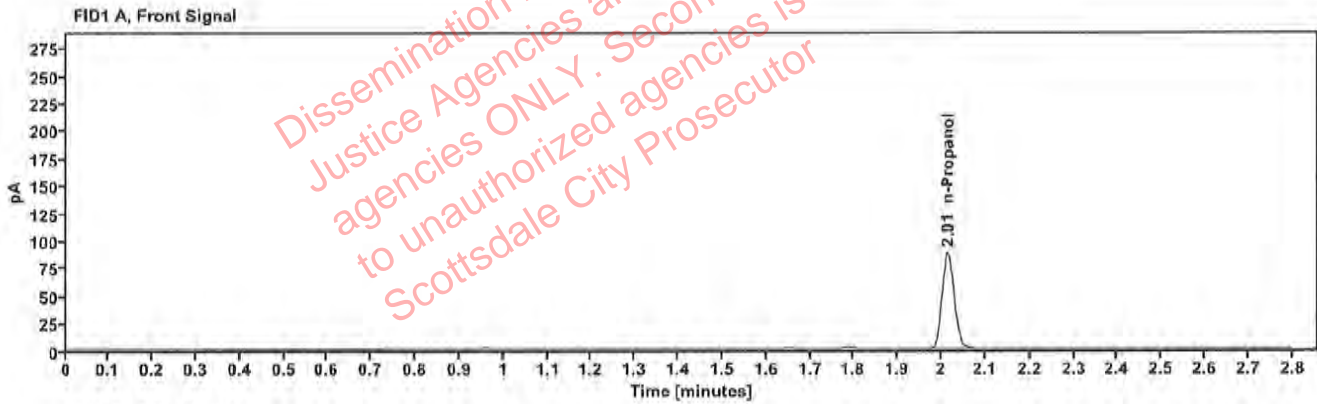


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.015	174.131

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.434	188.466

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1442648	Vial: 11
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 08Nov22
Instrument: US14173023 CN14160045	Injection date: 11/8/2022 12:04:13 PM
Data file: C:\Chem32\1\Data\08Nov22\11.D	Analyst: Canonico

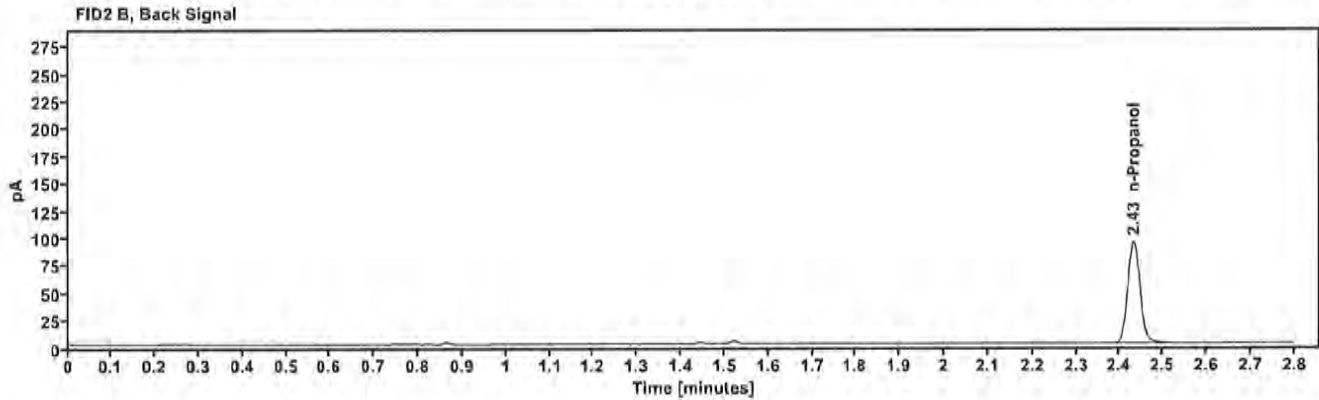
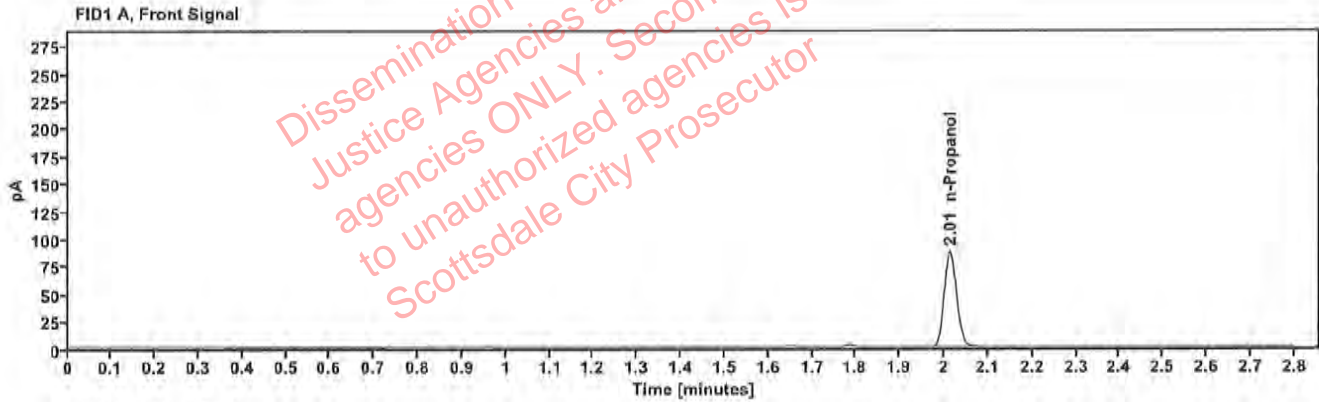


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.014	173.042

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.432	187.480

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442656	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:08:15 PM
Data file:	C:\Chem32\1\Data\08Nov22\12.D	Analyst:	Canonico

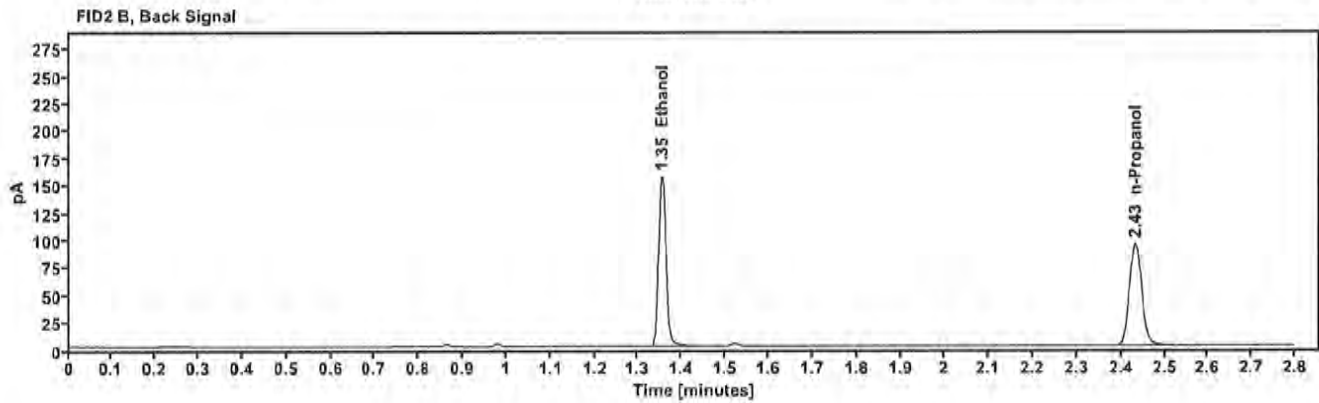
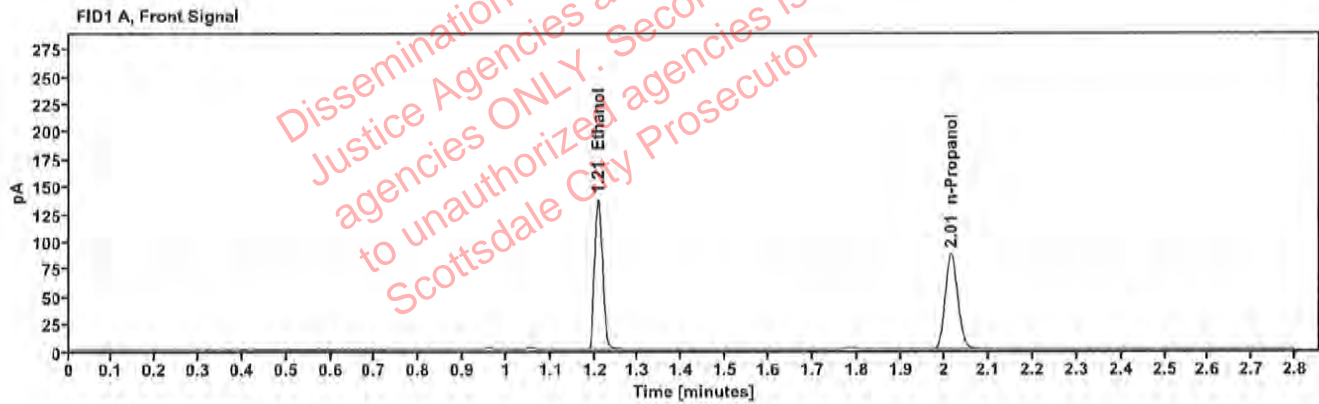


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2729	1.208	172.337
n-Propanol	-----	2.014	172.972

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	188.870
n-Propanol	2.433	186.437

: Canonico, Erika - (08-Nov-2022)

Case: User: ecanonico 11/8/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442656	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:12:29 PM
Data file:	C:\Chem32\11\Data\08Nov22\13.D	Analyst:	Canonico

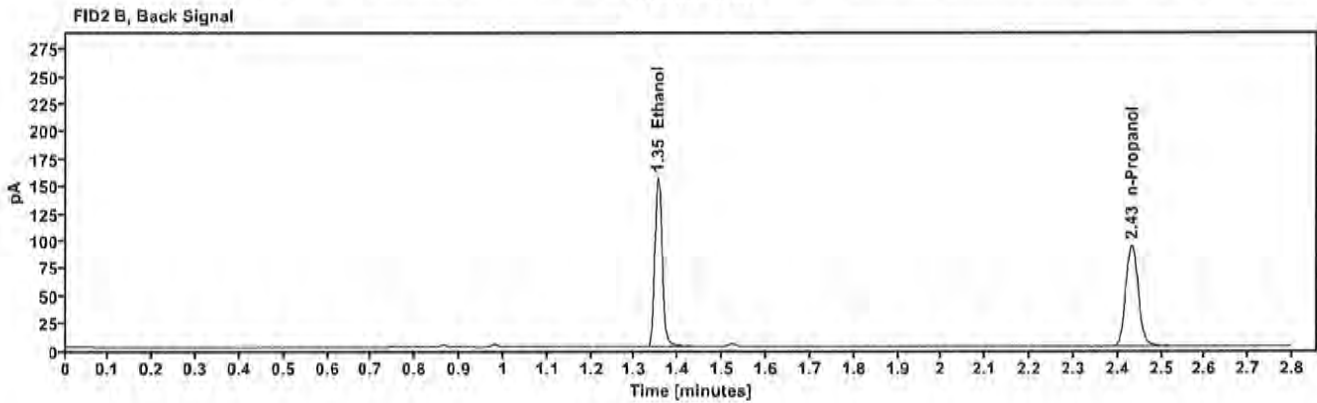
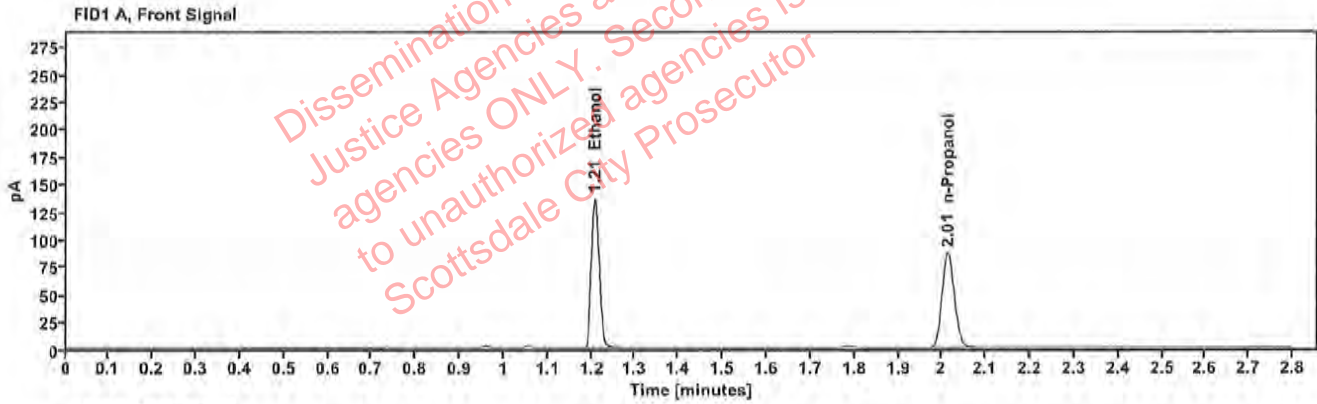


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2728	1.207	171.660
n-Propanol	-----	2.013	172.374

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	187.843
n-Propanol	2.432	185.908



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442940	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:16:30 PM
Data file:	C:\Chem32\1\Data\08Nov22\14.D	Analyst:	Canonico

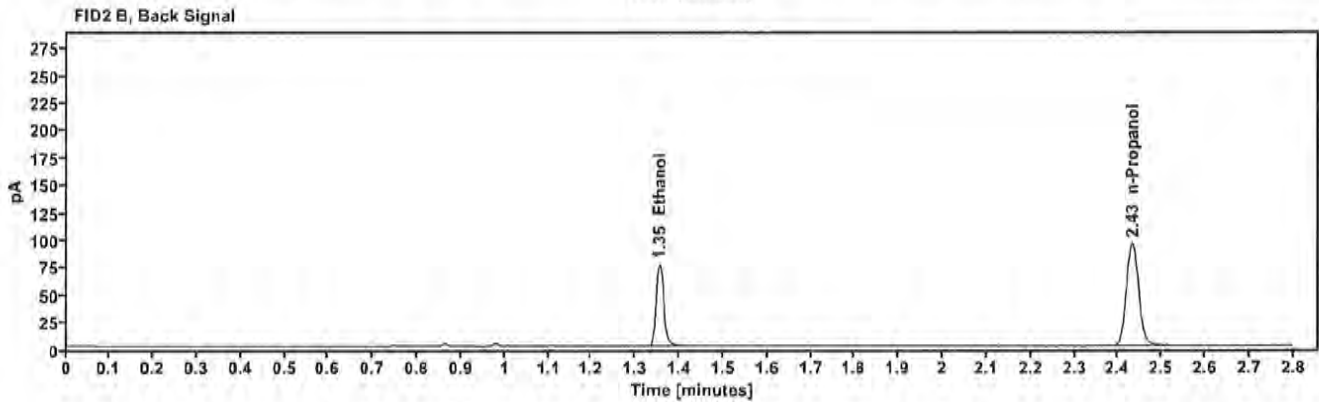
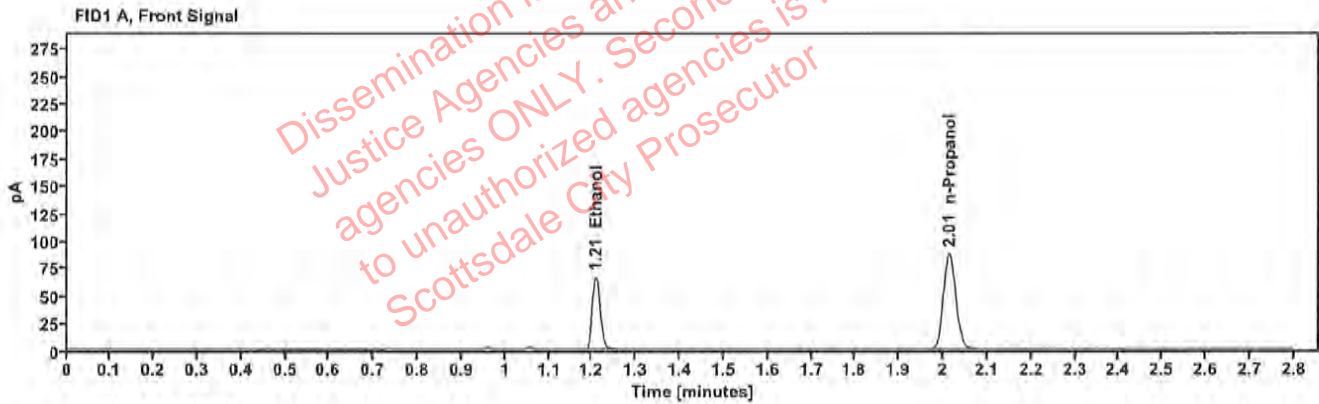


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1323	1.208	83.935
n-Propanol	-----	2.014	174.623

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	91.337
n-Propanol	2.432	188.741

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442940	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:20:30 PM
Data file:	C:\Chem32\1\Data\08Nov22\15.D	Analyst:	Canonico

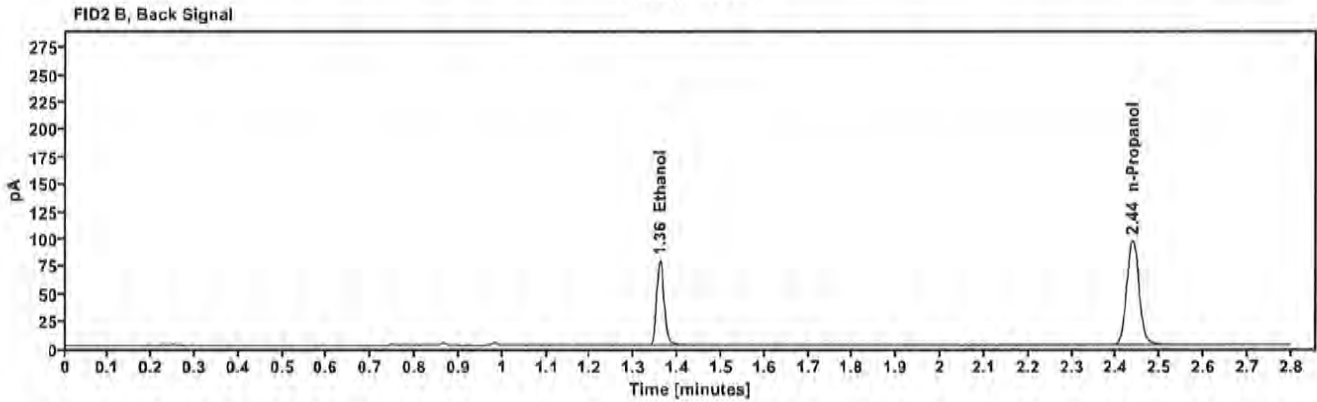
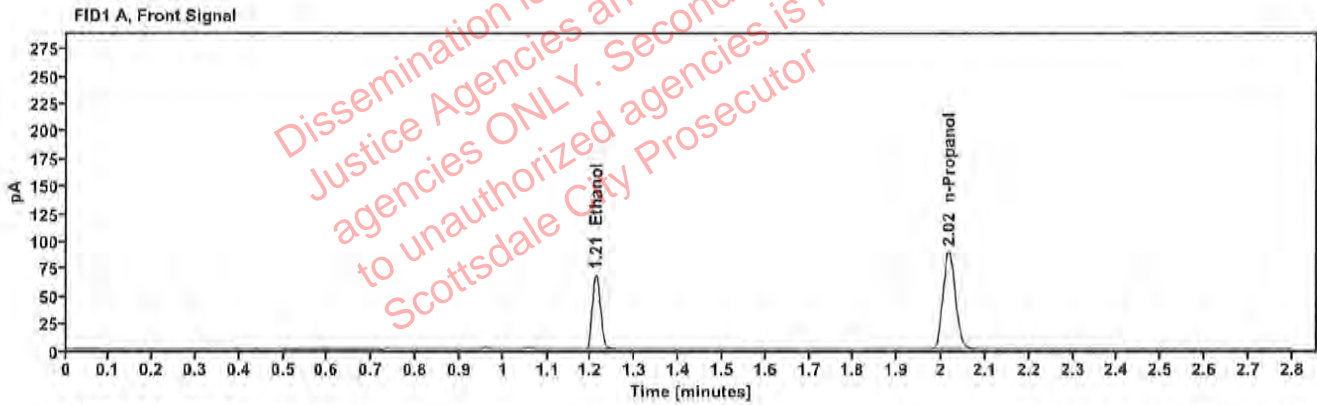


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1354	1.211	87.046
n-Propanol	—	2.017	176.918

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	94.892
n-Propanol	2.437	191.180

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442904	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:24:30 PM
Data file:	C:\Chem32\1\Data\08Nov22\16.D	Analyst:	Canonico

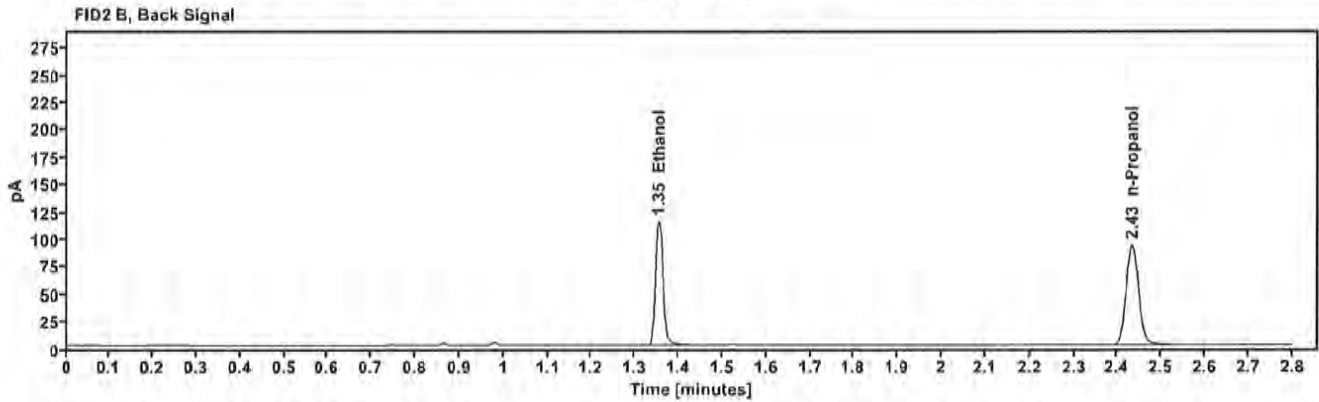
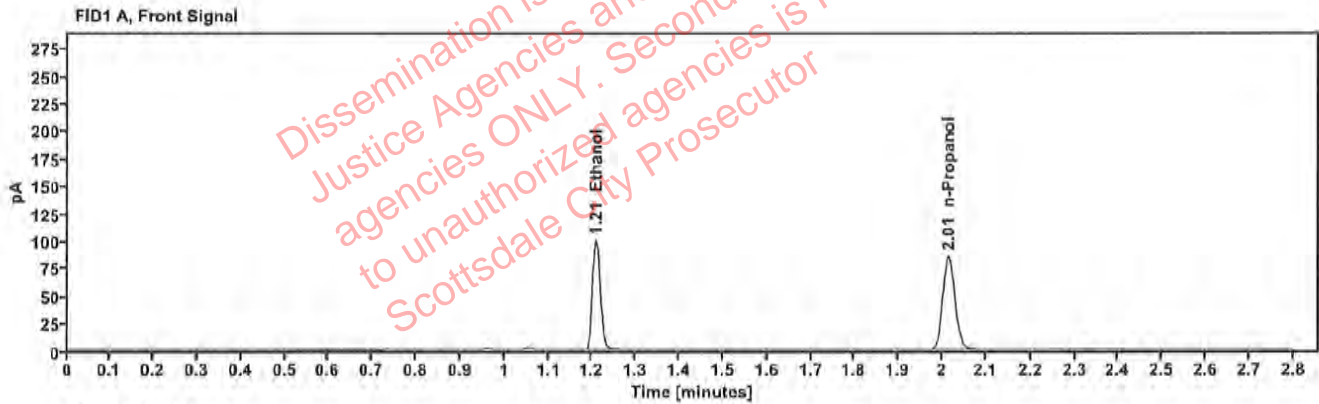


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2035	1.208	125.651
n-Propanol	-----	2.014	169.426

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	137.430
n-Propanol	2.433	183.129

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442904	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:28:29 PM
Data file:	C:\Chem32\1\Data\08Nov22\17.D	Analyst:	Canonico

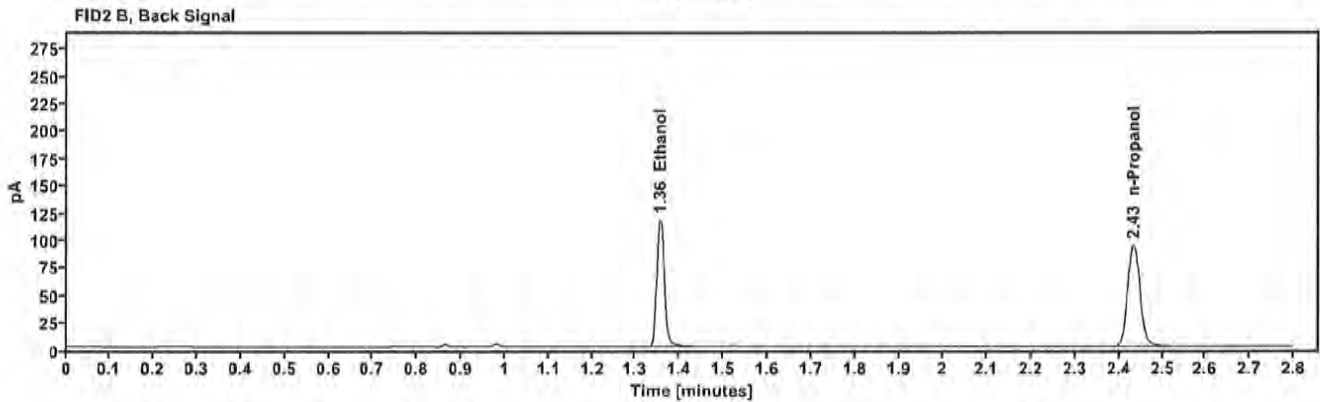
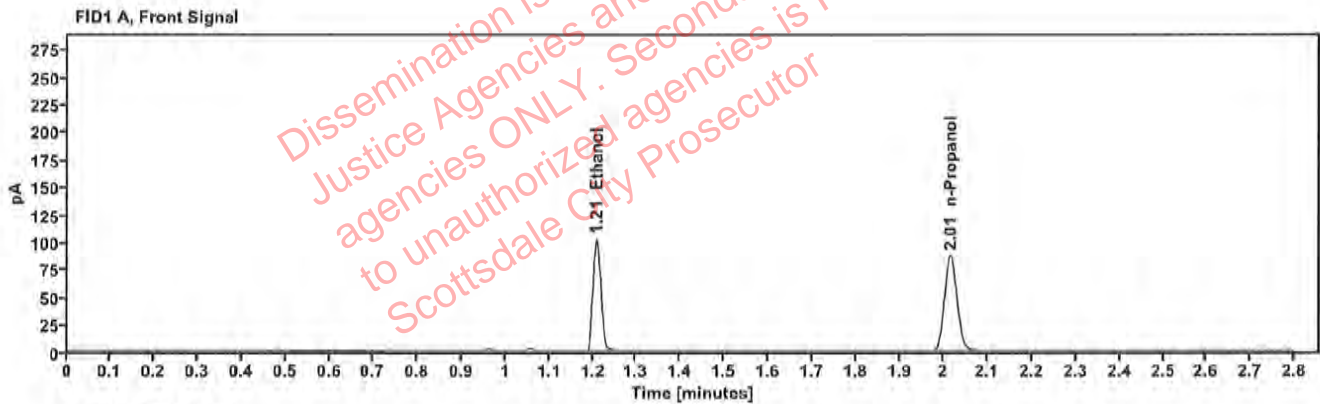


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2049	1.209	129.018
n-Propanol	-----	2.015	172.751

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	141.379
n-Propanol	2.433	186.784

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442894	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:32:30 PM
Data file:	C:\Chem32\11\Data\08Nov22\18.D	Analyst:	Canonico

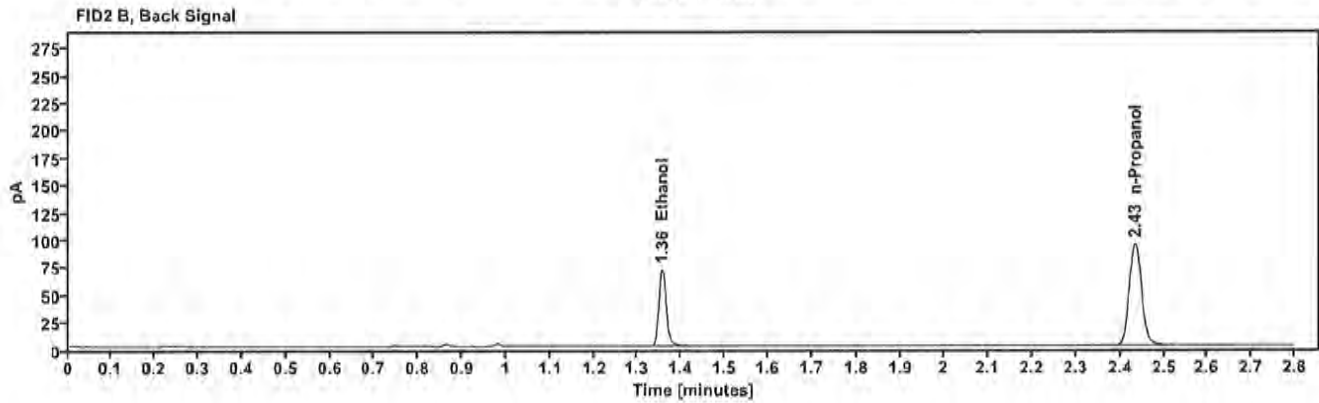
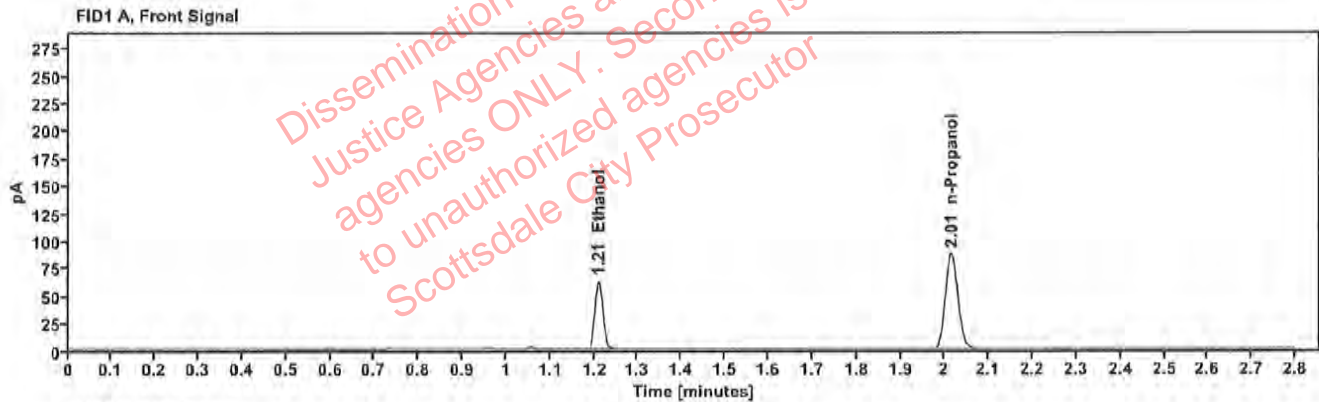


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1250	1.209	78.626
n-Propanol	---	2.015	173.134

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	85.511
n-Propanol	2.434	187.108

[REDACTED]: Canonico, Erika - (08-Nov-2022)

Case: [REDACTED] User: ecanonico 11/8/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442894	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:36:44 PM
Data file:	C:\Chem32\1\Data\08Nov22\19.D	Analyst:	Canonico

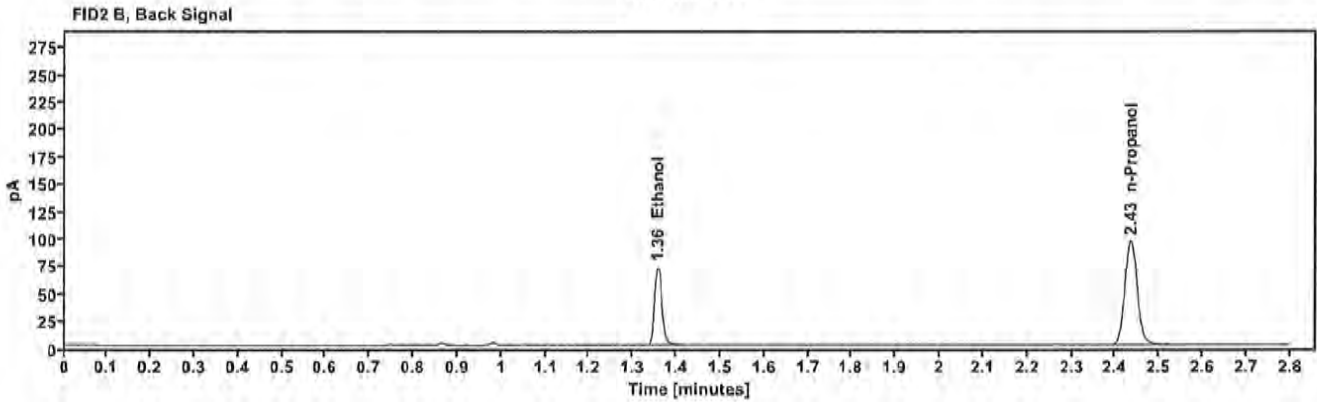
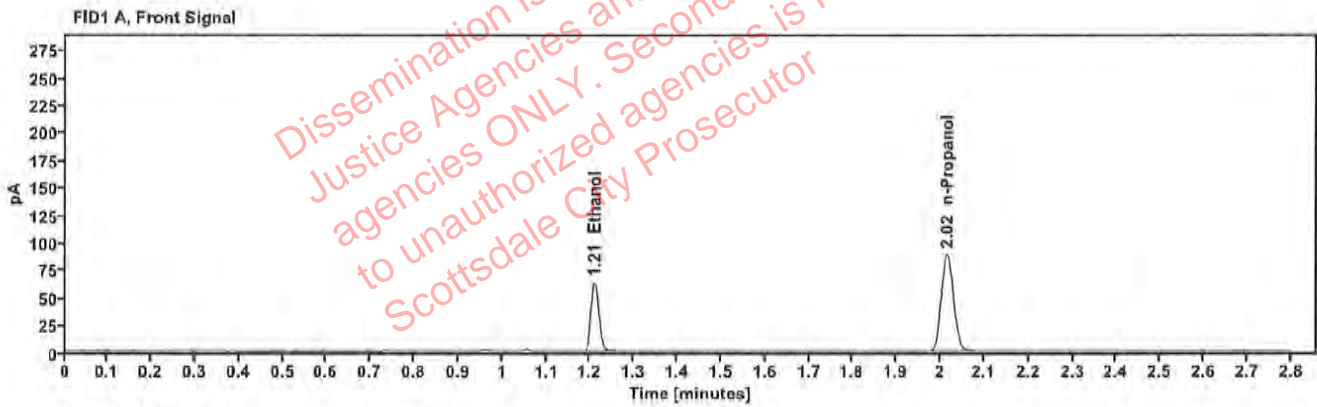


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1253	1.210	80.258
n-Propanol	—	2.015	176.403

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	87.376
n-Propanol	2.434	190.487

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442882	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:44:44 PM
Data file:	C:\Chem32\1\Data\08Nov22\21.D	Analyst:	Canonico

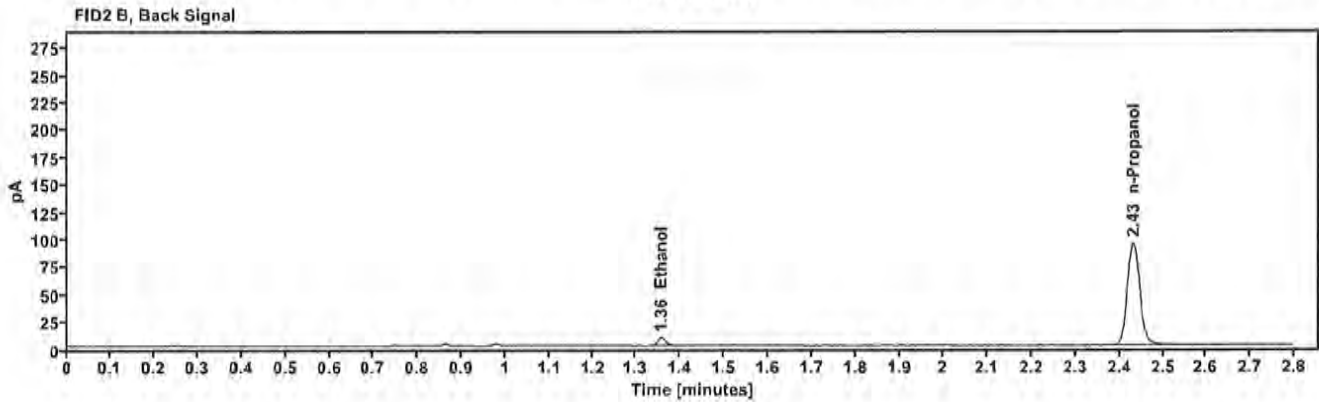
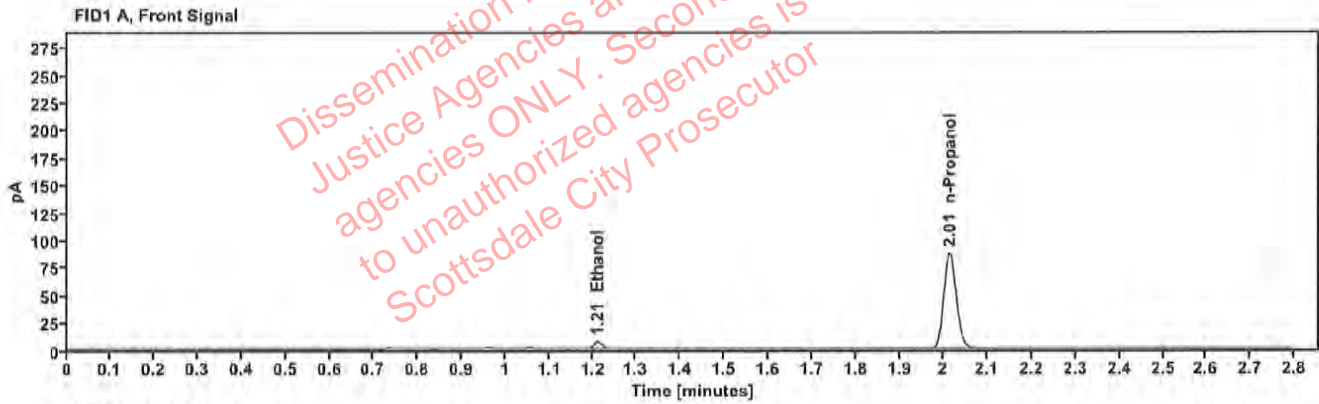


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0146	1.211	8.555
n-Propanol	—	2.013	173.516

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	9.487
n-Propanol	2.432	187.968

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442882	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:48:44 PM
Data file:	C:\Chem32\1\Data\08Nov22\22.D	Analyst:	Canonico

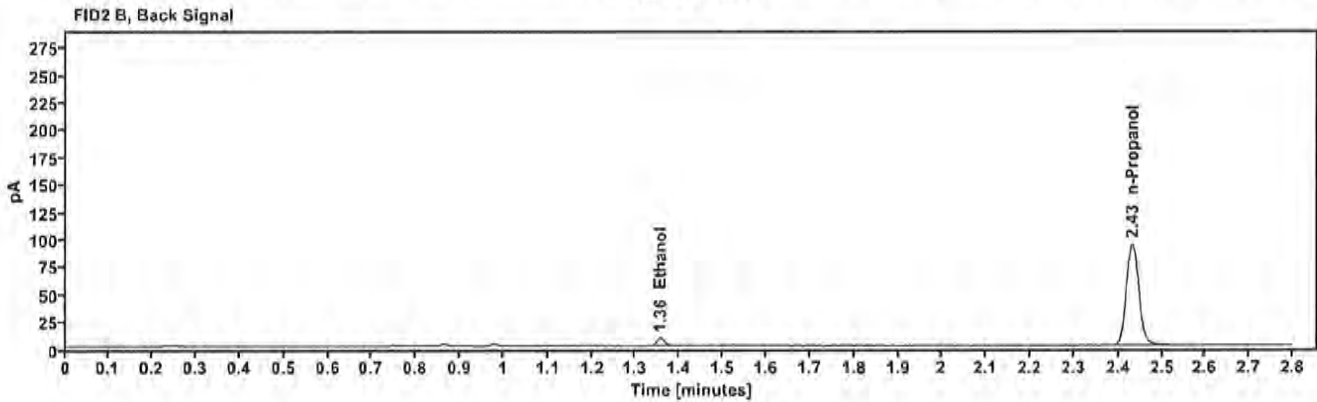
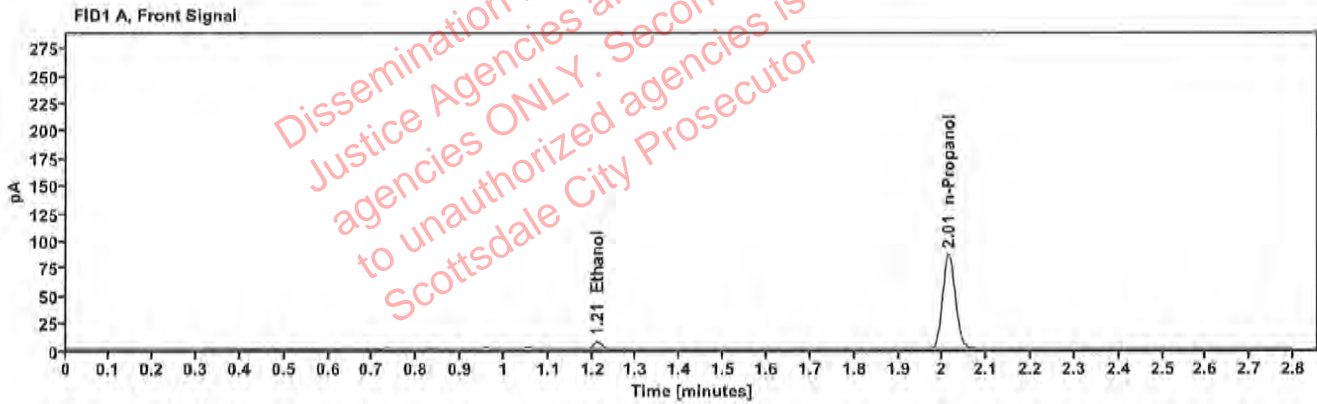


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0146	1.211	8.472
n-Propanol	—	2.013	172.352

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	9.419
n-Propanol	2.432	186.836



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442983	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:52:44 PM
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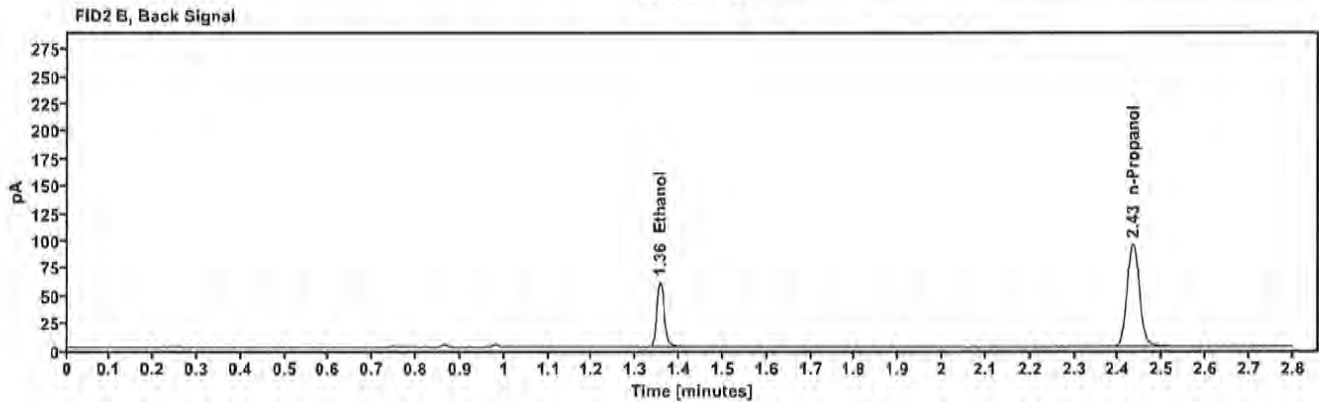
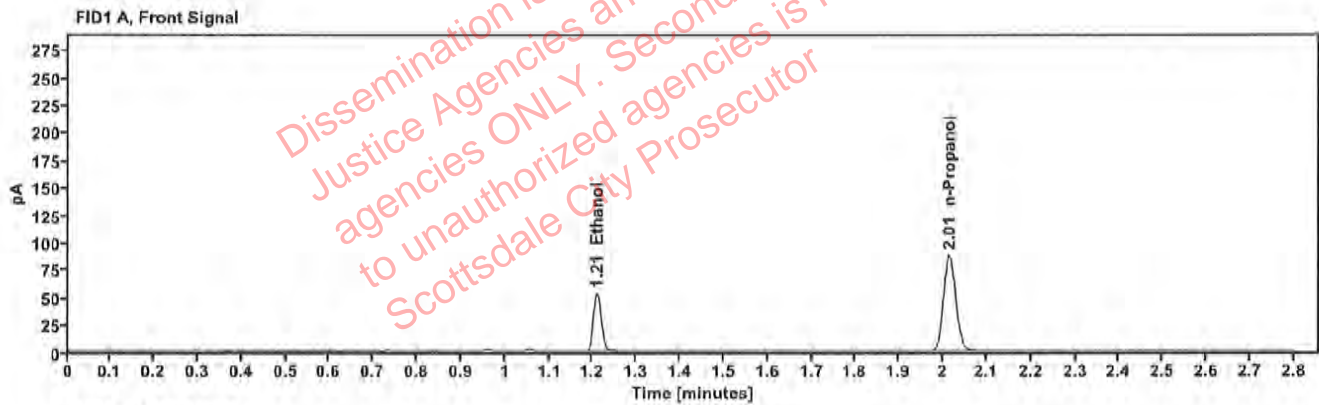


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1057	1.209	66.684
n-Propanol	---	2.014	173.943

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	72.556
n-Propanol	2.433	188.037

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442983	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 12:56:44 PM
Data file:	C:\Chem32\1\Data\08Nov22\24.D	Analyst:	Canonico

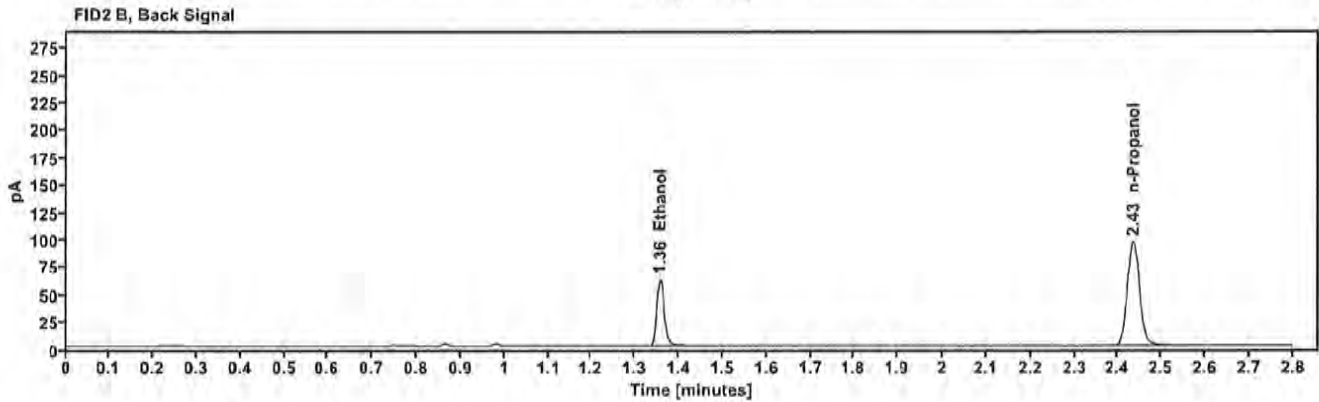
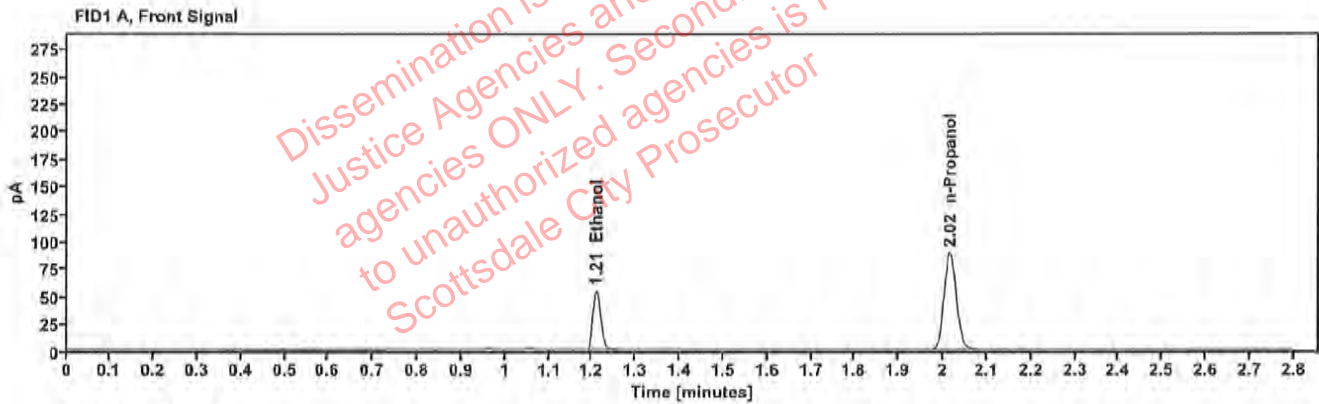


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1067	1.210	68.313
n-Propanol	—	2.015	176.468

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	74.381
n-Propanol	2.435	190.741

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442782	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:00:59 PM
Data file:	C:\Chem32\1\Data\08Nov22\25.D	Analyst:	Canonico

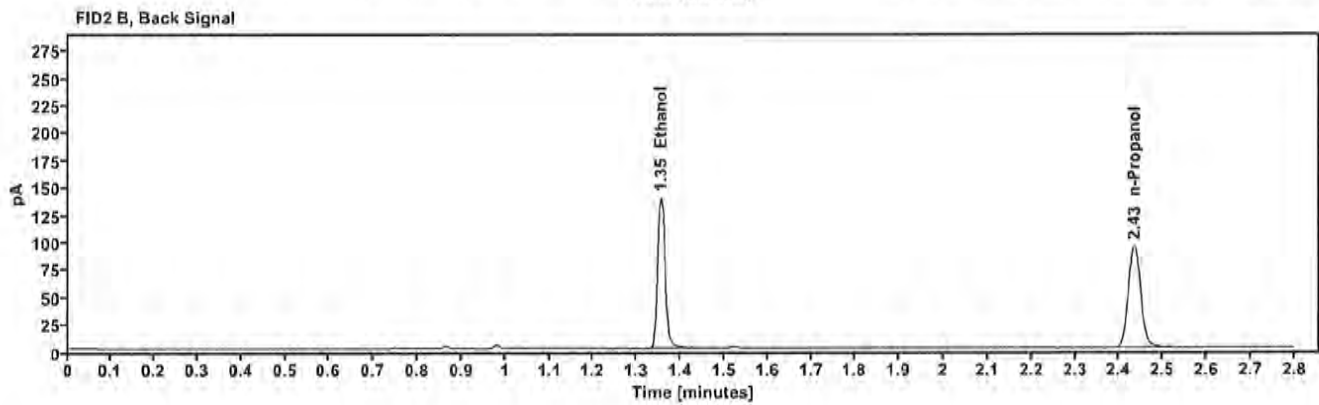
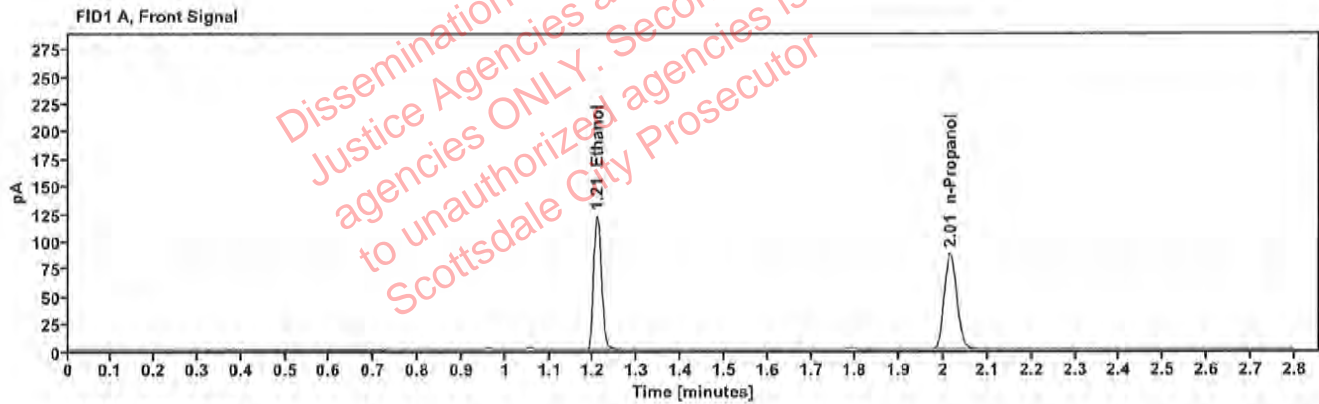


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2419	1.208	153.467
n-Propanol	---	2.014	173.866

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	168.268
n-Propanol	2.433	187.756

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442782	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:05:00 PM
Data file:	C:\Chem32\1\Data\08Nov22\26.D	Analyst:	Canonico

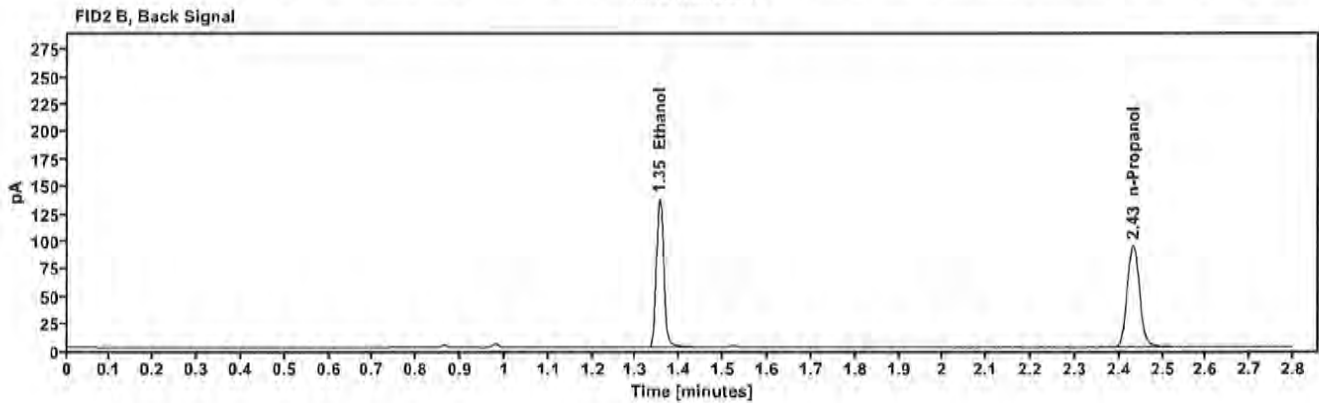
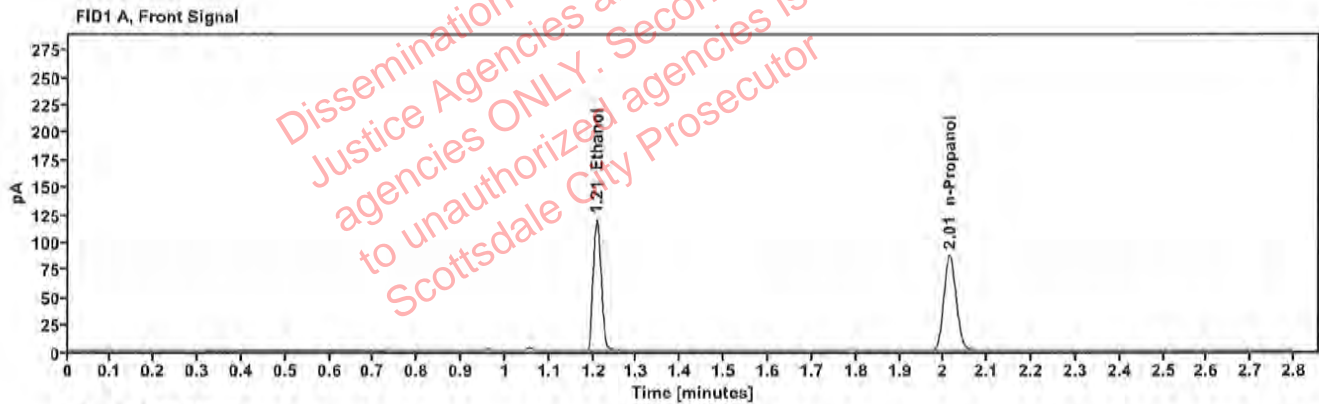


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2383	1.208	150.688
n-Propanol	---	2.014	173.327

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	165.411
n-Propanol	2.432	187.261

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442791	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:09:00 PM
Data file:	C:\Chem32\1\Data\08Nov22\27.D	Analyst:	Canonico

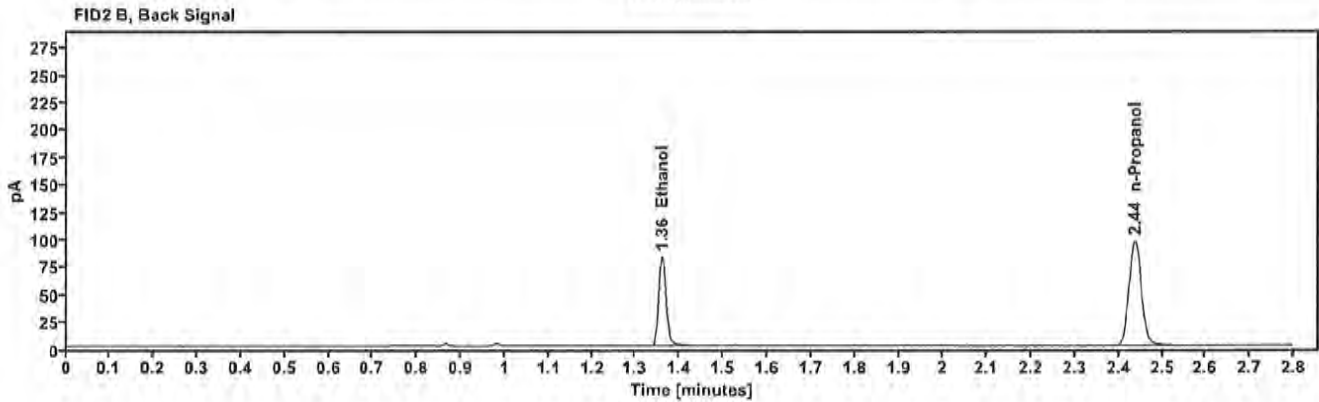
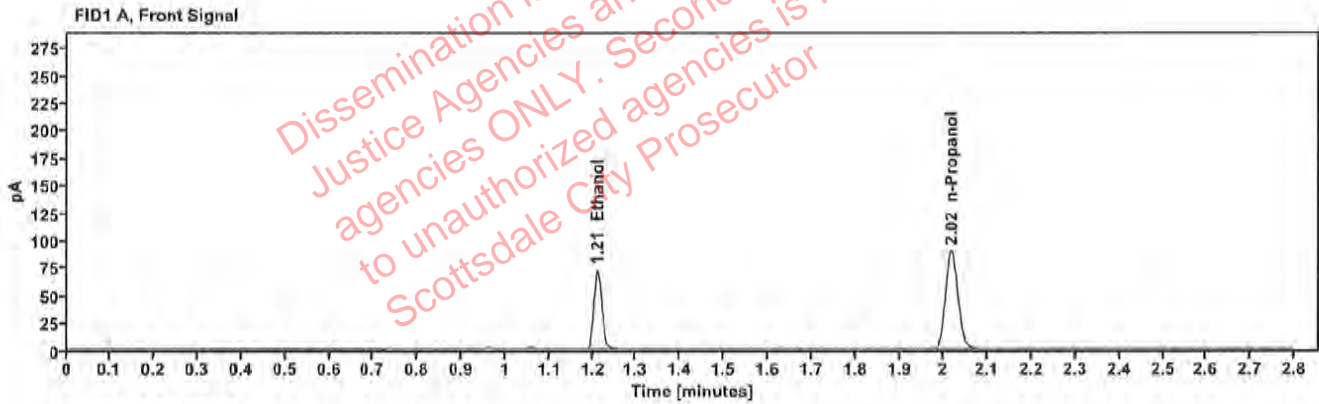


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1425	1.211	91.989
n-Propanol	-----	2.017	177.566

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	100.293
n-Propanol	2.437	192.057

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442791	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:13:00 PM
Data file:	C:\Chem32\1\Data\08Nov22\28.D	Analyst:	Canonico

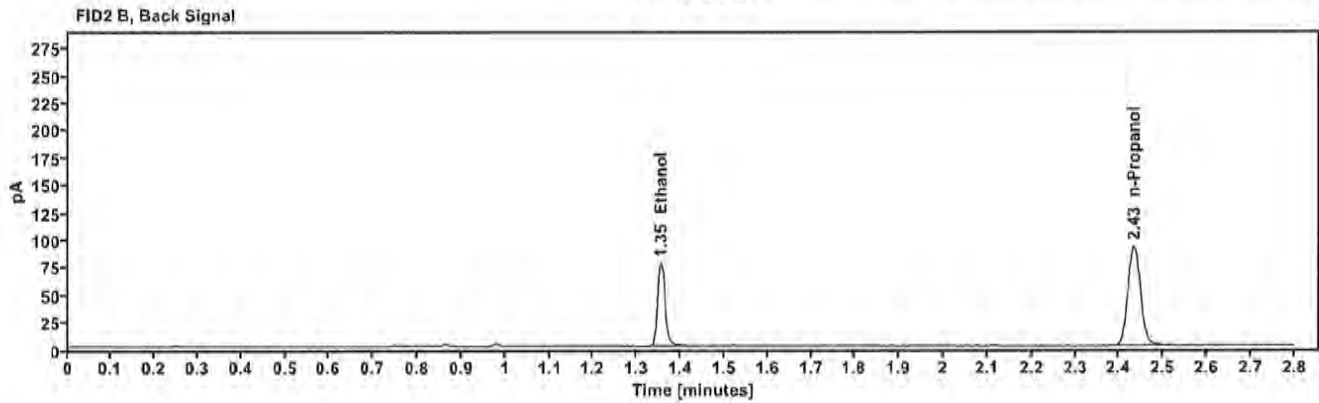
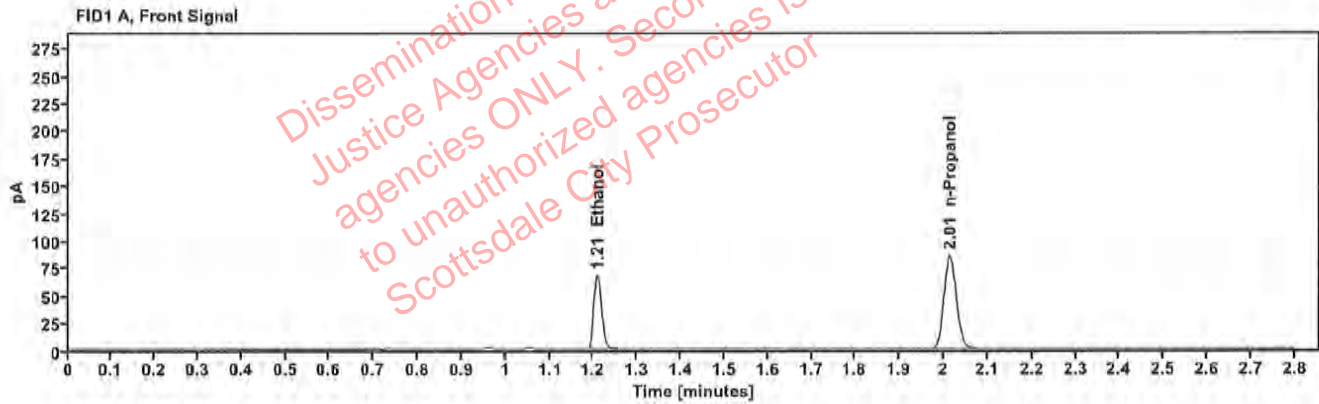


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1387	1.209	85.463
n-Propanol	—	2.014	169.435

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	93.327
n-Propanol	2.433	183.449

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442796	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:16:59 PM
Data file:	C:\Chem32\1\Data\08Nov22\29.D	Analyst:	Canonico

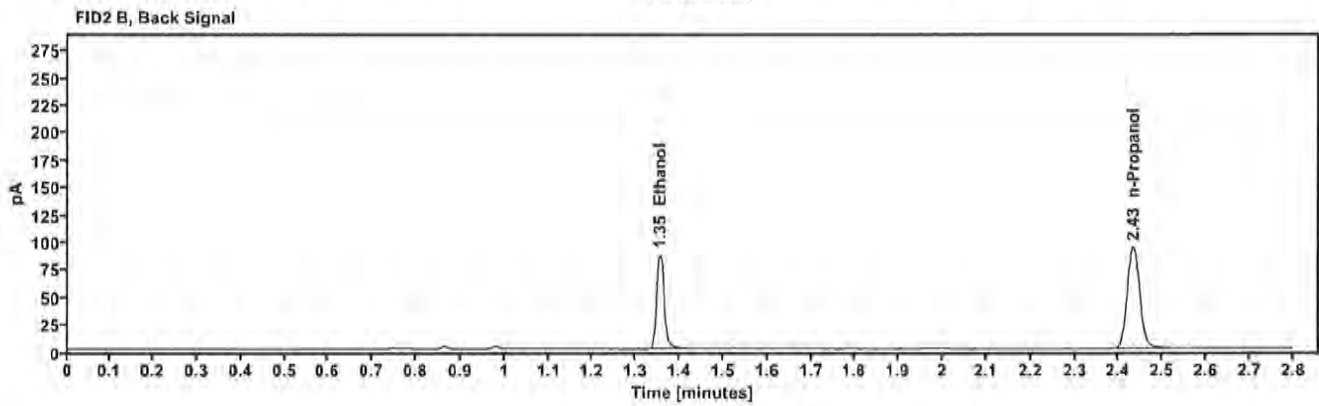
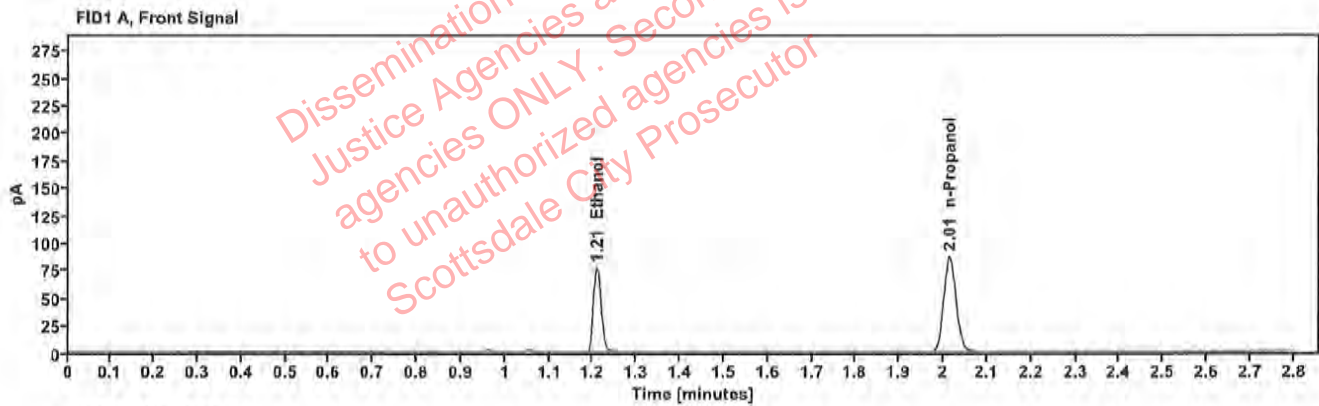


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1536	1.209	96.234
n-Propanol	-----	2.014	172.139

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	105.092
n-Propanol	2.433	185.987

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442796	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:20:59 PM
Data file:	C:\Chem32\1\Data\08Nov22\30.D	Analyst:	Canonico

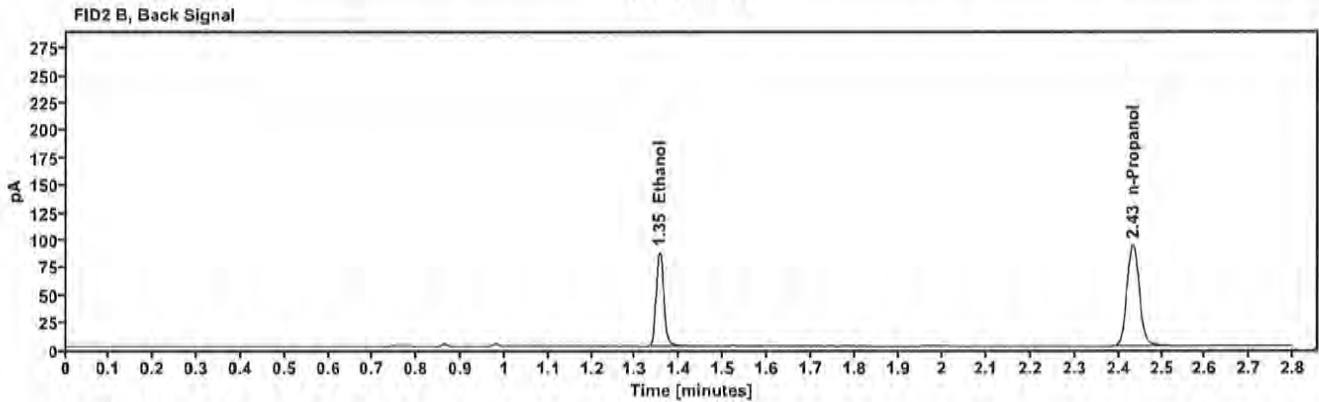
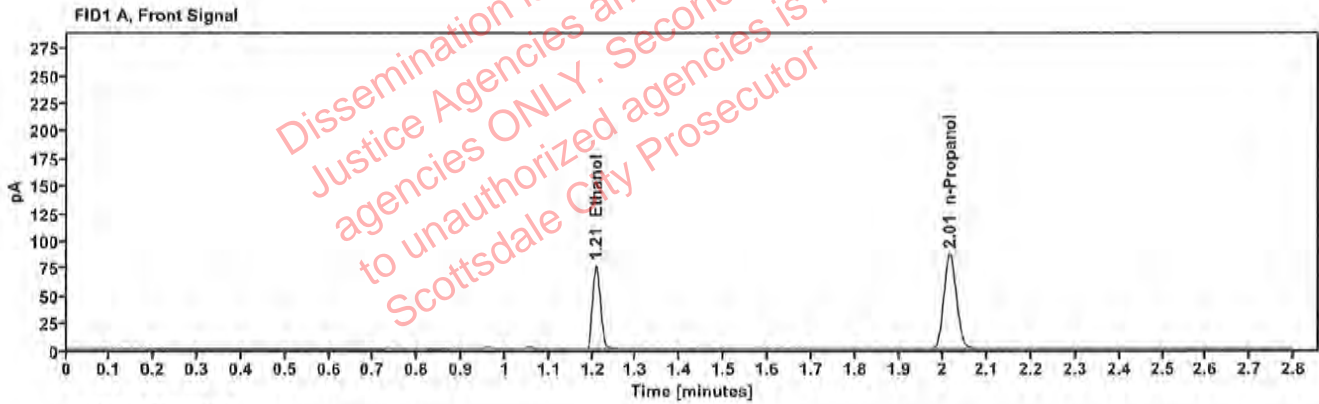


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1533	1.209	96.061
n-Propanol	-----	2.014	172.243

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	104.631
n-Propanol	2.433	186.342



Case: [REDACTED] Canonico, Erika - (08-Nov-2022)

User: ecanonico 11/8/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442910	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:29:14 PM
Data file:	C:\Chem32\1\Data\08Nov22\32.D	Analyst:	Canonico

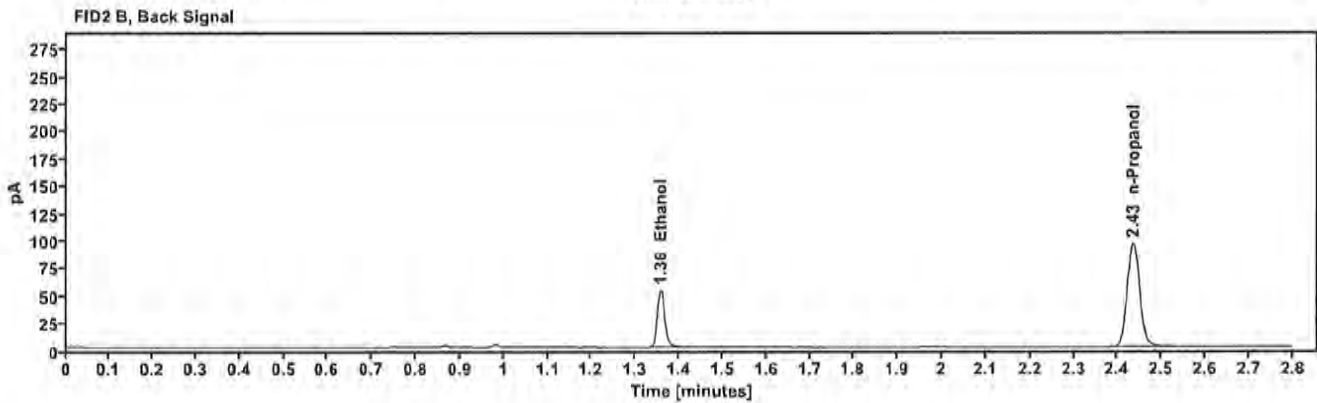
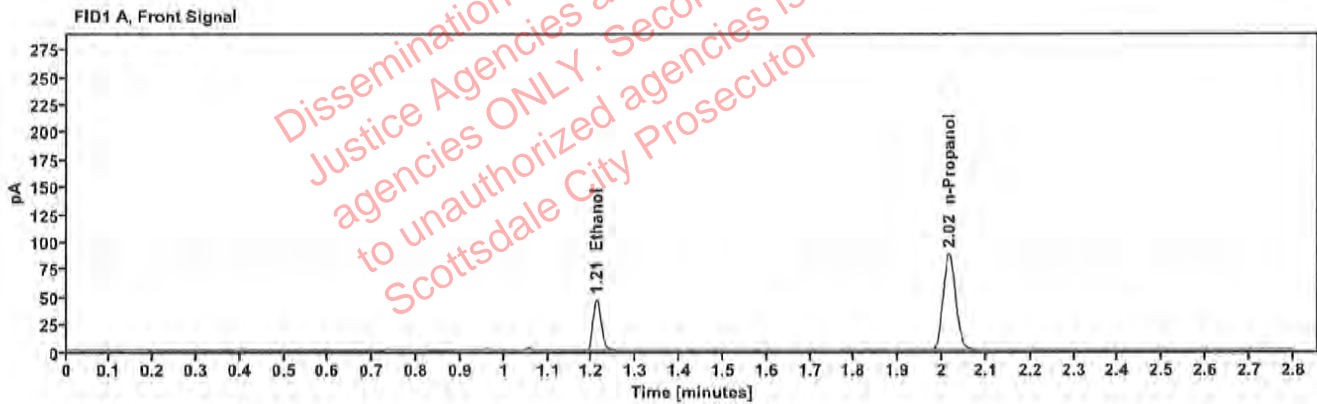


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0924	1.210	58.545
n-Propanol	-----	2.015	175.069

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	63.493
n-Propanol	2.435	189.227

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1442910	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:33:14 PM
Data file:	C:\Chem32\1\Data\08Nov22\33.D	Analyst:	Canonico

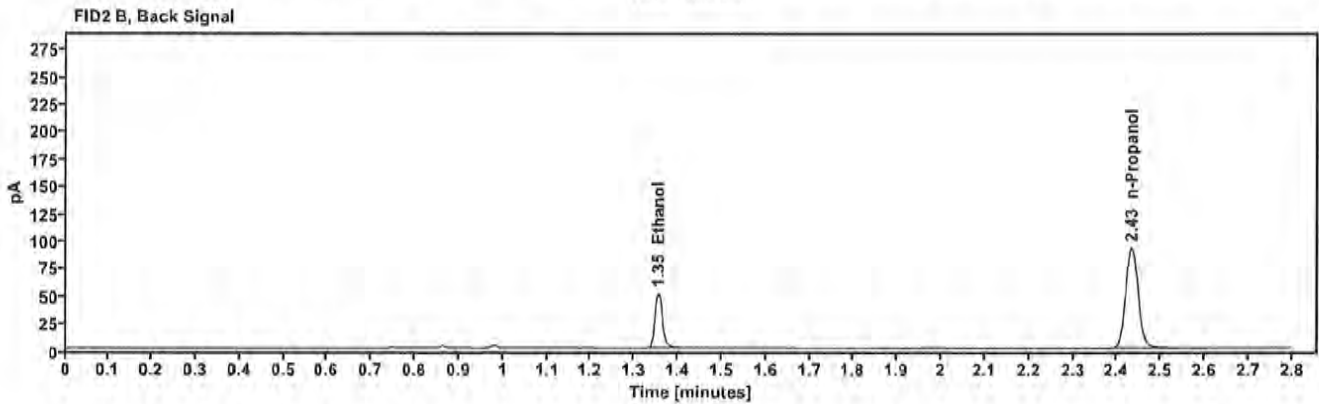
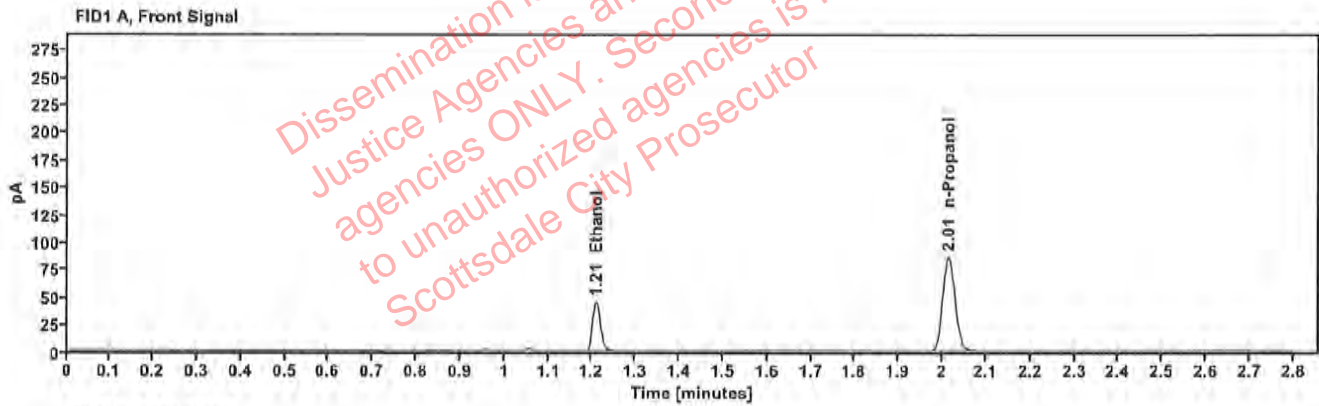


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0911	1.209	56.437
n-Propanol	---	2.014	171.103

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	61.270
n-Propanol	2.432	184.943

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501VM	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:37:15 PM
Data file:	C:\Chem32\1\Data\08Nov22\34.D	Analyst:	Canonico

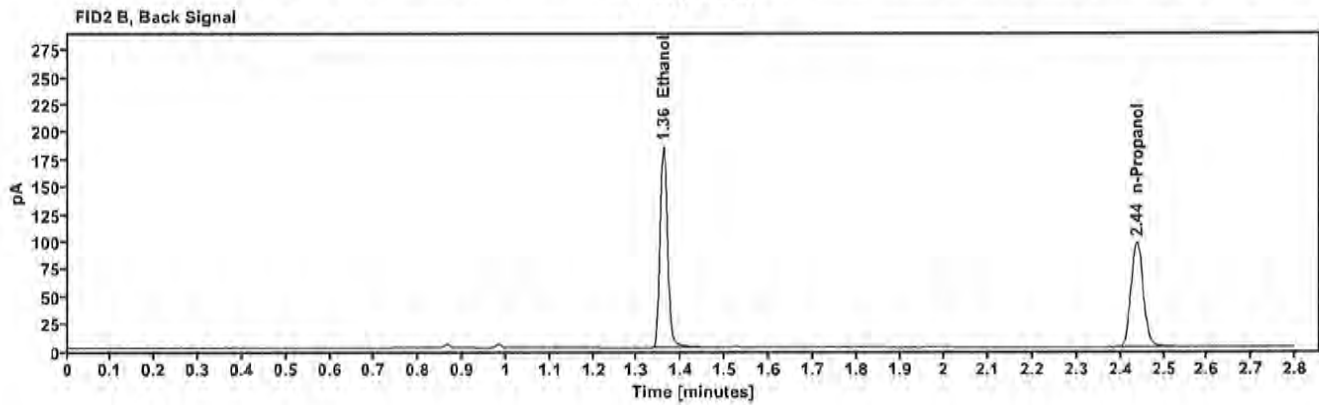
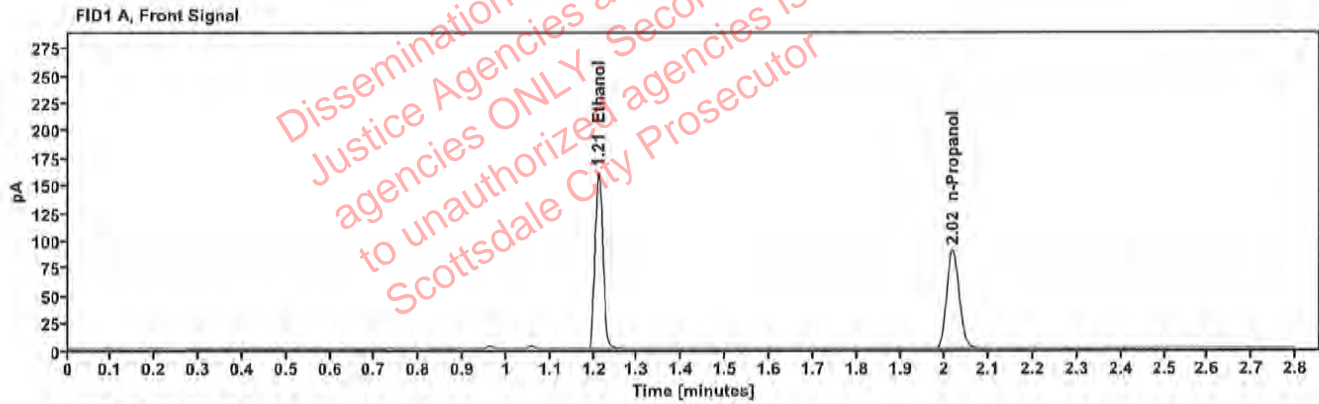


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3167	1.211	205.287
n-Propanol	—	2.017	177.451

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	225.138
n-Propanol	2.437	191.115

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501VM	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:41:14 PM
Data file:	C:\Chem32\1\Data\08Nov22\35.D	Analyst:	Canonico

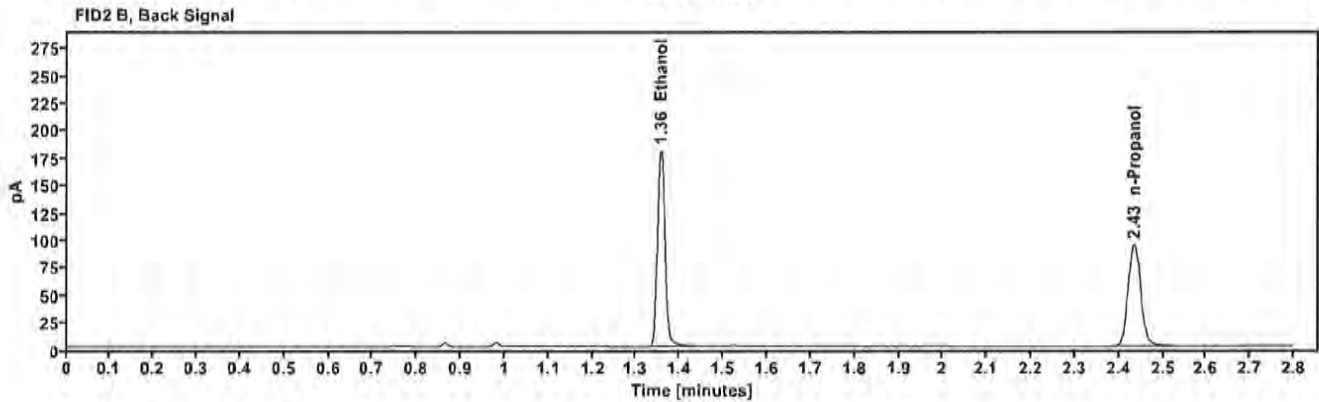
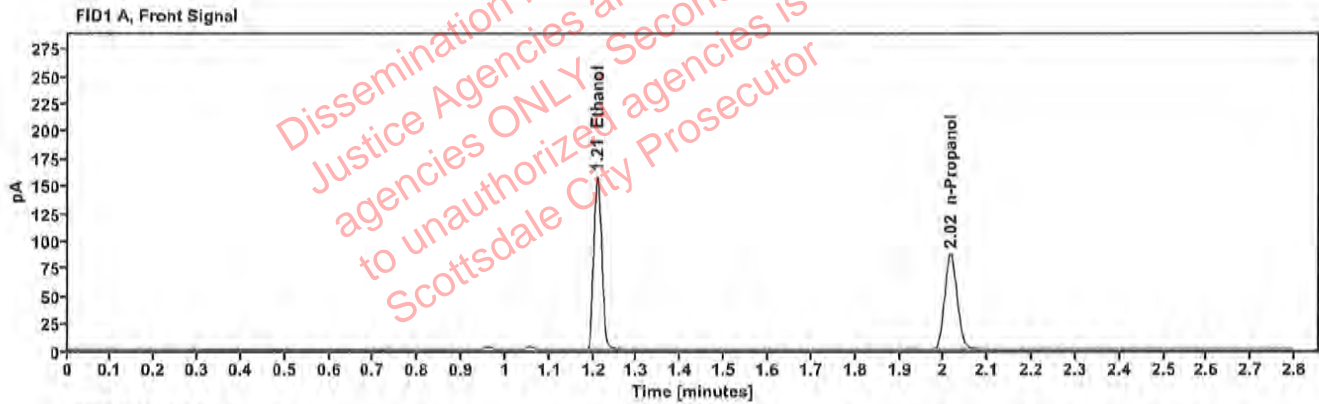


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3142	1.209	198.743
n-Propanol	—	2.015	173.163

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	218.029
n-Propanol	2.434	186.615

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33401AH	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:45:14 PM
Data file:	C:\Chem32\1\Data\08Nov22\36.D	Analyst:	Canonico

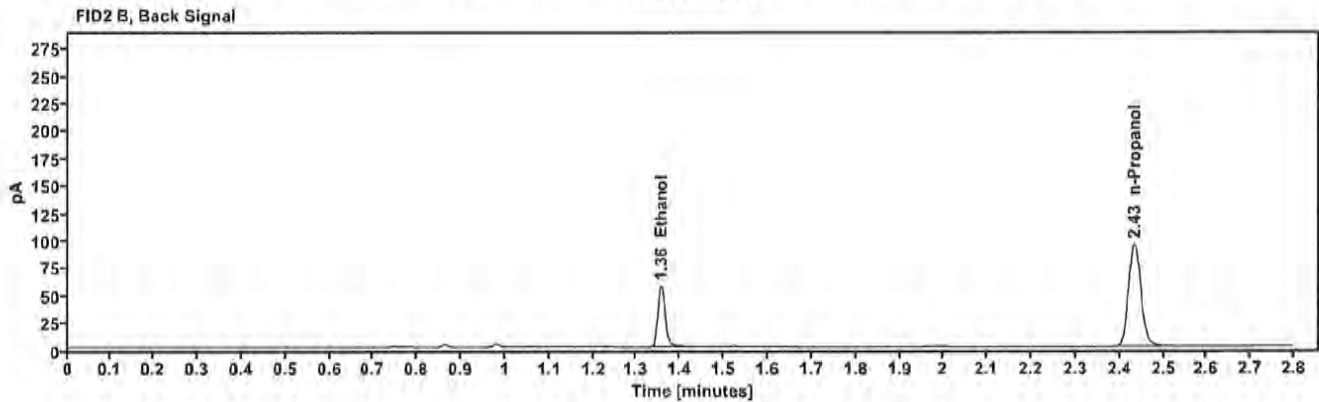
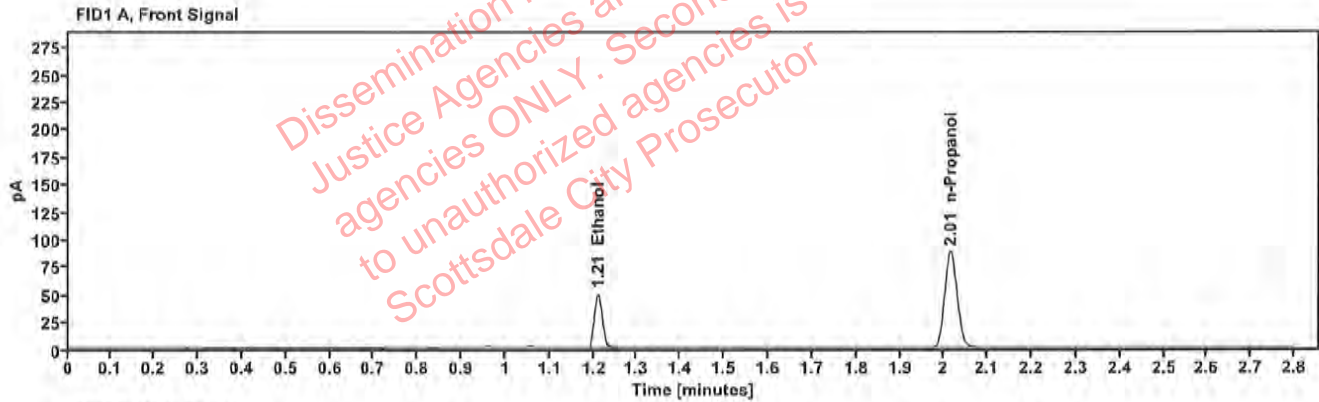


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0995	1.210	62.630
n-Propanol	---	2.015	173.729

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	68.031
n-Propanol	2.434	188.286

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33401AH	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:49:29 PM
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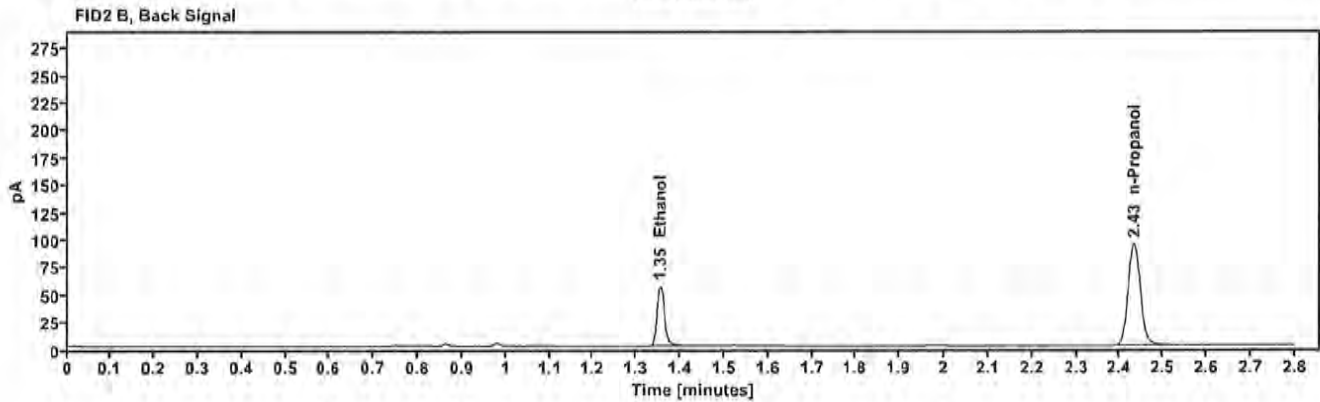
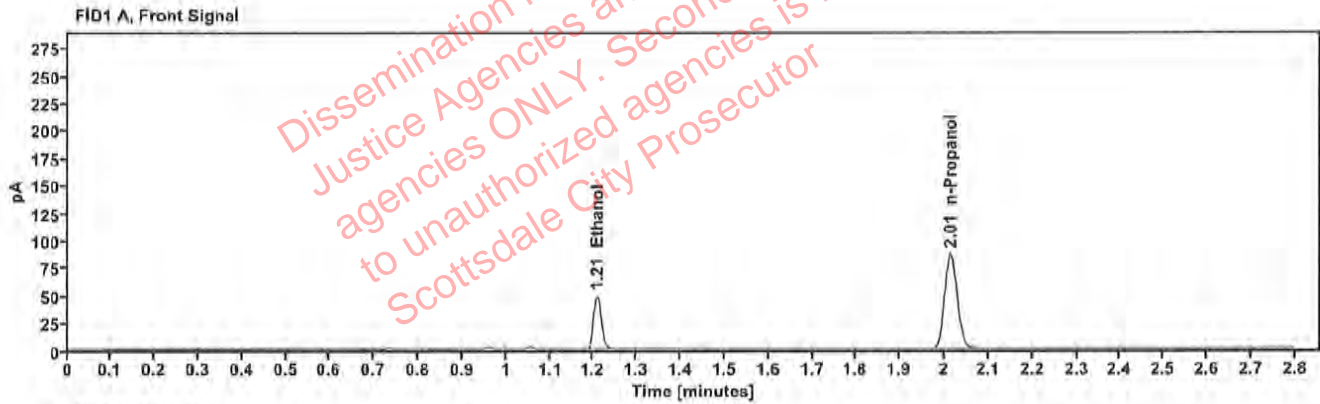


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0986	1.209	61.555
n-Propanol	---	2.014	172.374

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	66.608
n-Propanol	2.432	186.850

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441978	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:53:29 PM
Data file:	C:\Chem32\1\Data\08Nov22\38.D	Analyst:	Canonico

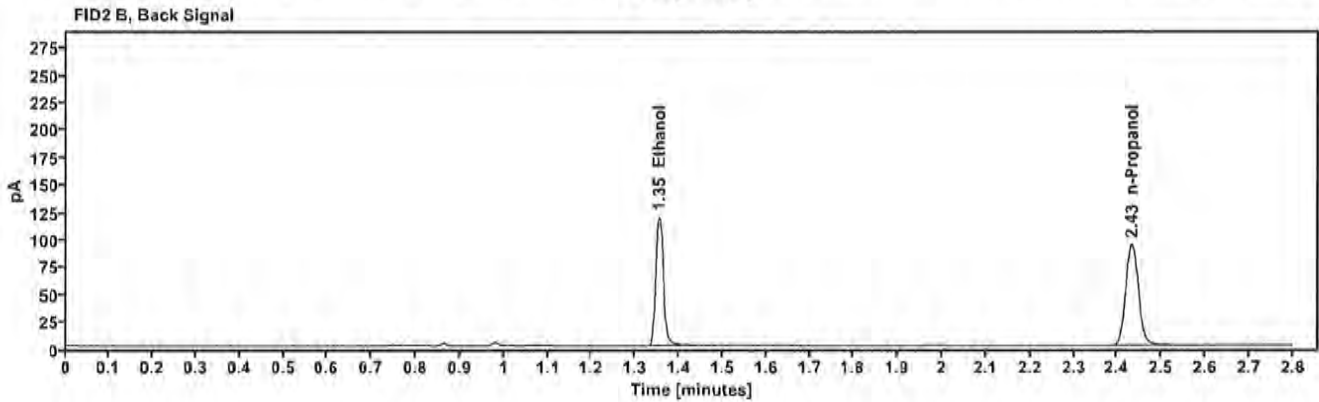
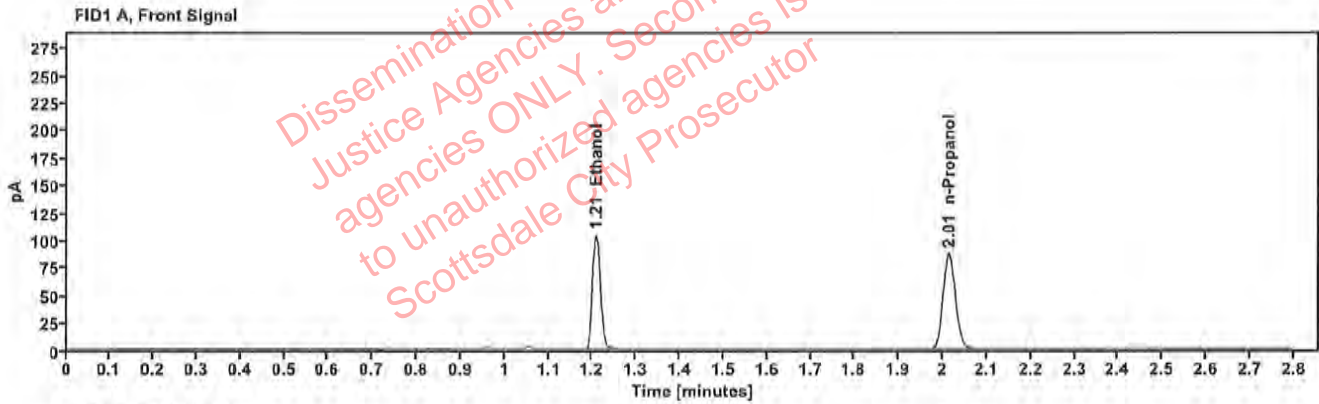


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2087	1.208	131.534
n-Propanol	-----	2.014	172.869

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	144.257
n-Propanol	2.432	187.164

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441978	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 1:57:29 PM
Data file:	C:\Chem32\1\Data\08Nov22\39.D	Analyst:	Canonico

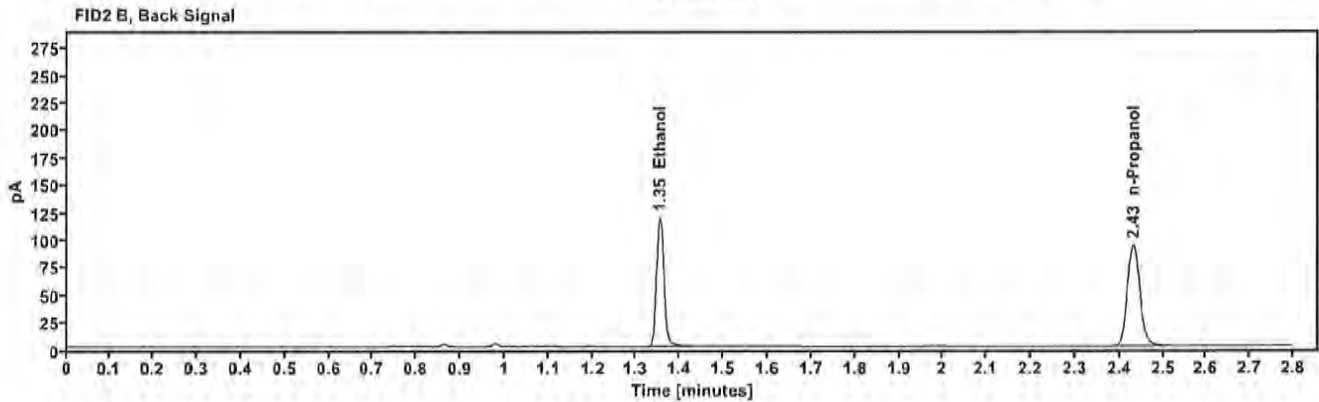
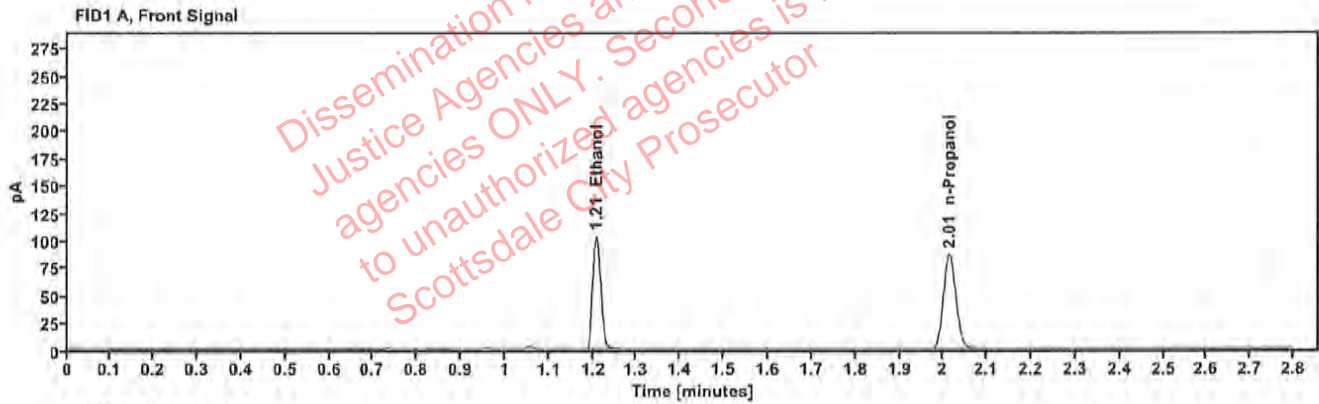


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2086	1.208	130.850
n-Propanol	---	2.013	172.041

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	143.451
n-Propanol	2.432	186.209



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221381-3	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 2:01:29 PM
Data file:	C:\Chem32\1\Data\08Nov22\40.D	Analyst:	Canonico

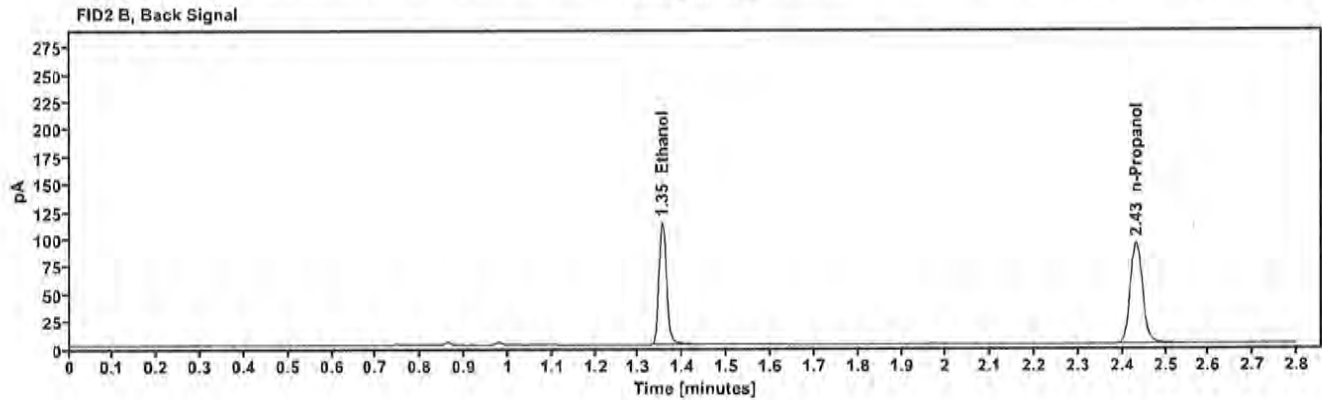
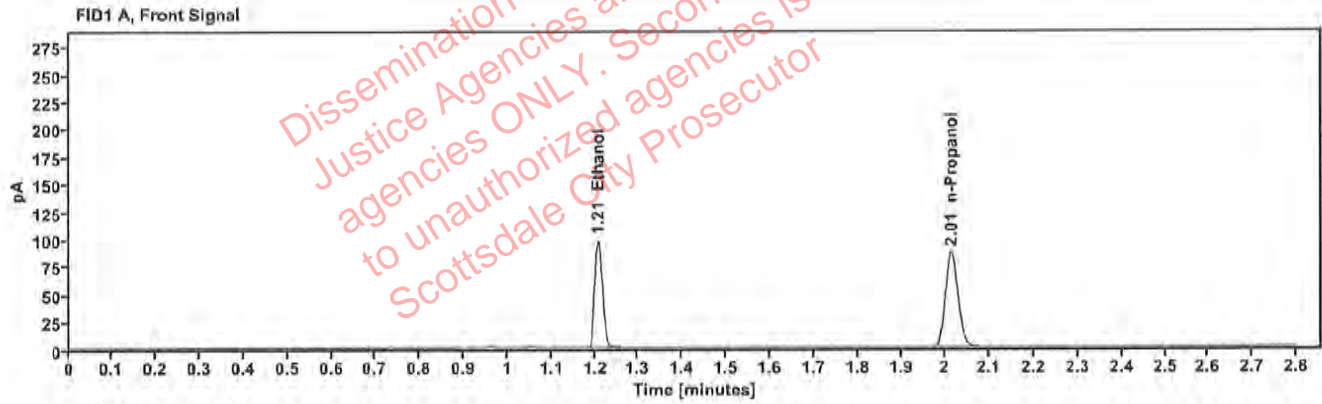


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.208	124.280
n-Propanol	—	2.013	172.268

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	136.240
n-Propanol	2.432	186.197

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221381-3	Vial:	41
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	08Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/8/2022 2:05:29 PM
Data file:	C:\Chem32\1\Data\08Nov22\41.D	Analyst:	Canonico

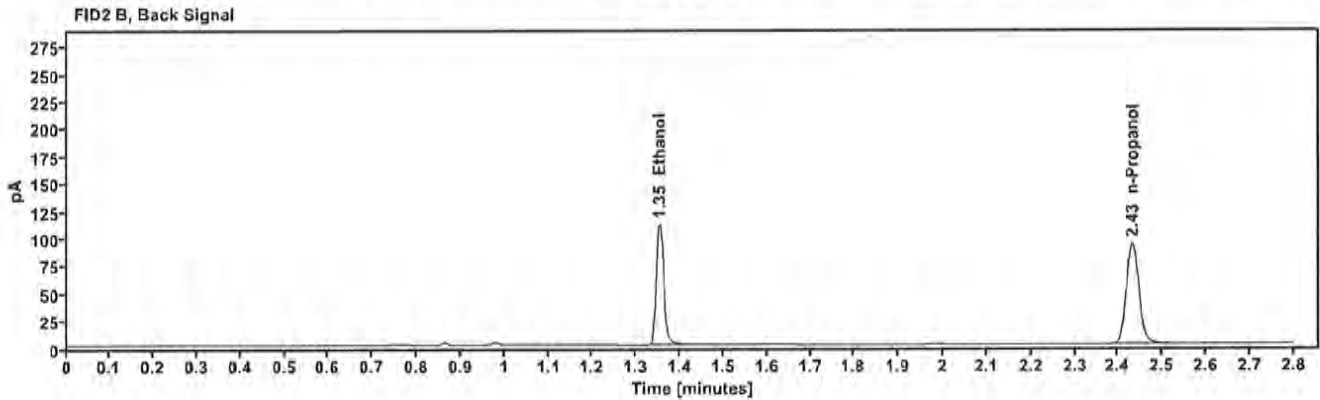
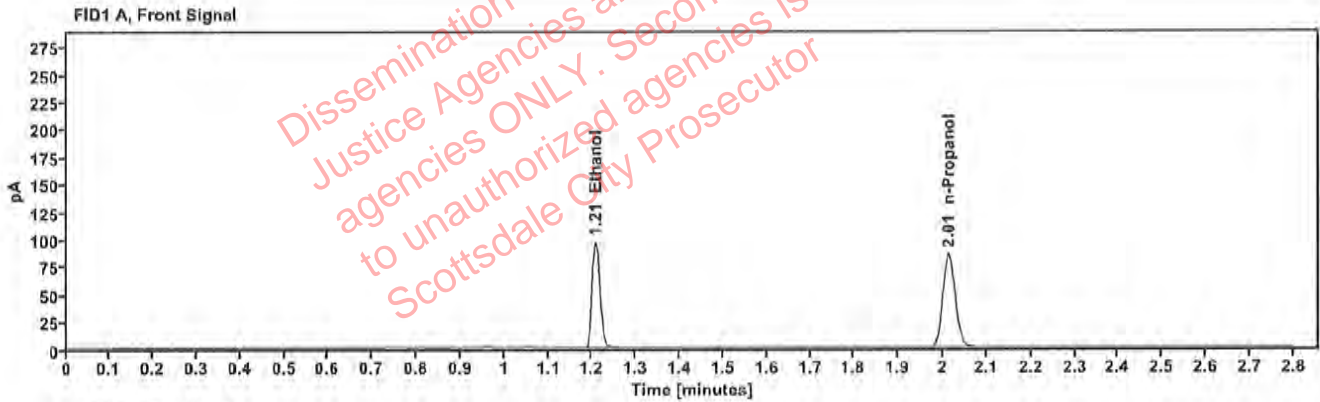


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1981	1.208	122.750
n-Propanol	-----	2.013	170.052

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	134.117
n-Propanol	2.432	184.002